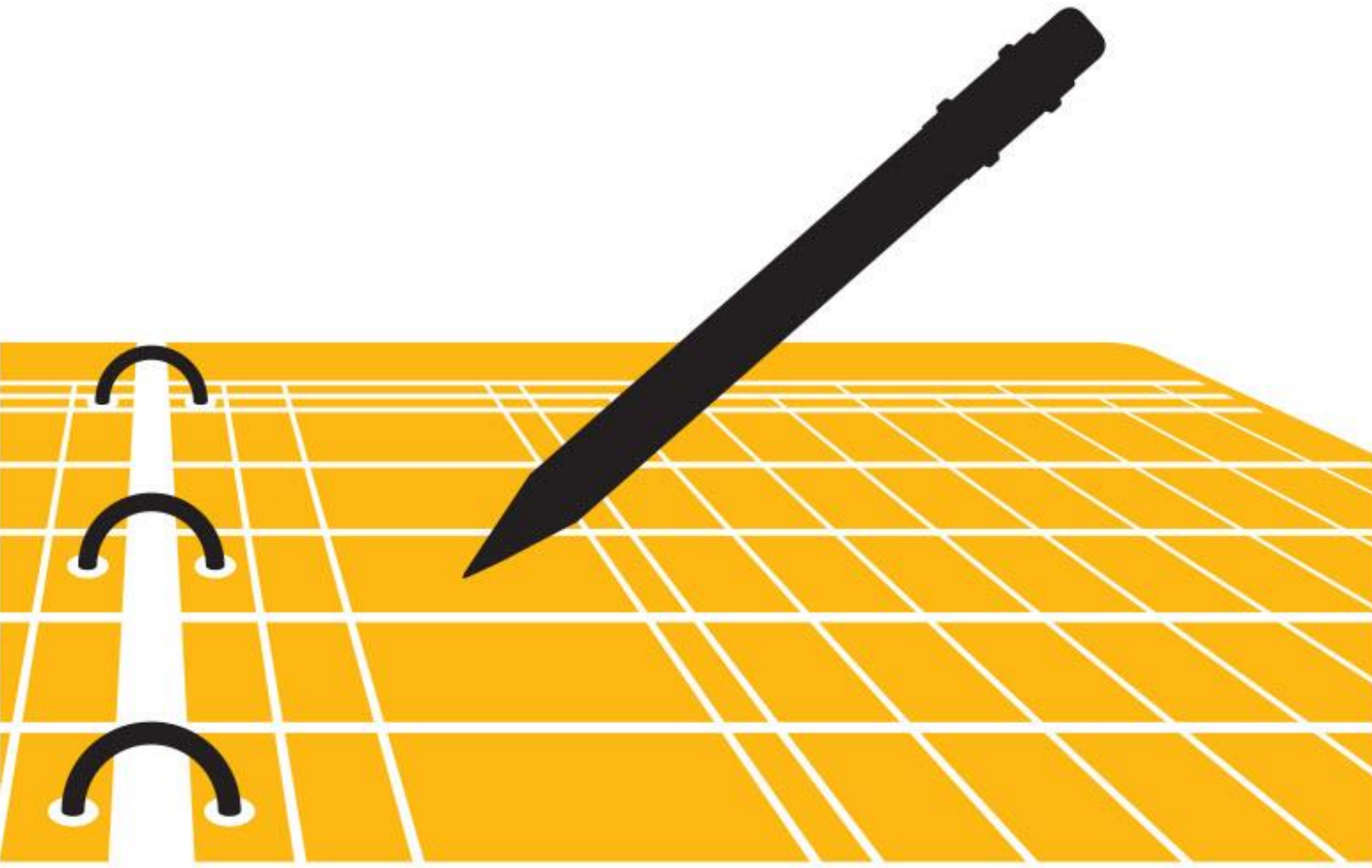
Administration Guide

PUBLIC

Document Version: 1.0 – Final

Date: September 2022

SAP S/4HANA for Rights and Royalty Management by Vistex, Release 2021



Document History

Document Version	Date	Comment
1.0	September 2022	2021 Initial version

September 2022
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About This Guide

This guide does not replace the daily operations handbooks that we recommend customers create for their specific production operations.

This guide provides a starting point for the optimal maintenance and operation of your SAP S/4HANA for rights and royalty by Vistex. SAP S/4HANA for Rights and Royalty Management by Vistex is SAP application developed in ABAP with its own /IRM/ namespace, the standard SAP Operations Guide should be referenced for most tasks. It can be found in the SAP Help Portal. For information on NetWeaver, please refer to the NetWeaver Guide for SAP NetWeaver 7.5 found at SAP Help Portal.

This guide addresses the following target audience:

- System administrators
- Technical consultants
- Key users

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1 Getting Started

Make sure to read the information in this section before you get started with SAP S/4HANA for Rights and Royalty Management by Vistex.

1.1 Glossary

Term	Abbreviation	Definition
Rights and Royalty	R&R	The general business scenario addressed by the solution; a nickname for the solution

1.2 Useful Links

The following resources provide access to more information about general topics, such as software downloads or customer incidents. Delete this section if you don't need it or adjust it accordingly.

Resource	Where to Find It
User assistance for above listed solutions	Vistex, Inc | Revenue Management Solutions & Services SAP Help Portal
Information about creating customer incidents	Product Support (sap.com)
SAP Notes search	Knowledge Base (sap.com)
SAP Software Download Center	Software Downloads (sap.com)
Product Availability Matrix	Maintenance (sap.com)
Solutions by Vistex	Solutions for SAP | Vistex, Inc
Early Knowledge Transfer and role-specific learning maps	Get Involved Early (sap.com)
Sizing	Benchmark | Sizing | SAP
Network security	SAP Help Portal
Performance	Introduction to Performance and Scalability | SAP
Information about support package stacks, latest software versions and patch level requirements	SAP Support Package Stacks
Information about Unicode technology	Browse Topics | SAP Community

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2 Product Overview

Intellectual property rights are the lifeblood of content companies, and managing contracts, rights exploitation, revenue, and expenses in an increasingly complex consumer environment is creating challenges across a variety of industries, including media and entertainment, music, high tech, consumer products, and life science.

Vistex solutions provide a central hub for rights that enables aggregators to maximize the return on intellectual property, irrespective of format or business unit, as well as offering the ability to analyze results and collaborate internally enterprise-wide, and externally with partners and customers.

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2.1 SAP S/4HANA for Rights and Royalty Management by Vistex

This section provides an overview of SAP S/4HANA for Rights and Royalty Management by Vistex, including relevant business scenarios and technical system landscape:

- Royalties - Automated calculation and processing of inbound and outbound royalties
- Rights – Central repository capturing all intellectual property assets owned, managed or licensed. Vistex solutions provide a central hub for rights that enables aggregators to maximize the return on intellectual property, irrespective of format or business unit, as well as offering the ability to analyze results and collaborate internally enterprise-wide, and externally with partners and customers.

For additional information please visit product page: SAP S/4HANA® for Rights and Royalty Management - Vistex, Inc.

The solution streamlines rights and royalty management processes:

- Utilizes the core SAP S/4HANA environment to maximize customer investment
- Leverages the SAP HANA platform and Fiori user experience for end-to-end rights and royalty management
- Reduces the complexity of content acquisition and exploitation
- Accelerates the sale of rights and provides real-time visibility into rights availability (avails)
- Manages financial transactions associated with the sale of rights
- Performs forecasting, planning and “what-if” simulations
- Automates fee and royalty calculations
- Provides real-time accruals and settlements

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2.2 Definitions

2.2.1 Intellectual Property

Refers to creations of the mind, such as inventions; literary and artistic works; designs; symbols, names and images

2.2.2 Intellectual Property + Right

Gives the creator an exclusive right over the use of their creation for a certain period

2.2.3 License

An authorization (by the licensor) to use the licensed material (by the licensee)

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2.2.4 Common Royalty Terms

Licensor	Copyright
Licensee	Trademark
Rights In	Rights Management
Rights Out	Usage
Intellectual Property	Advance
Patent	Guarantee

2.2.5 Industries with Rights and Royalty Scenarios

Medical Devices	Consumer Products
Pharmaceuticals	Retail
High-Tech	Media
Services	

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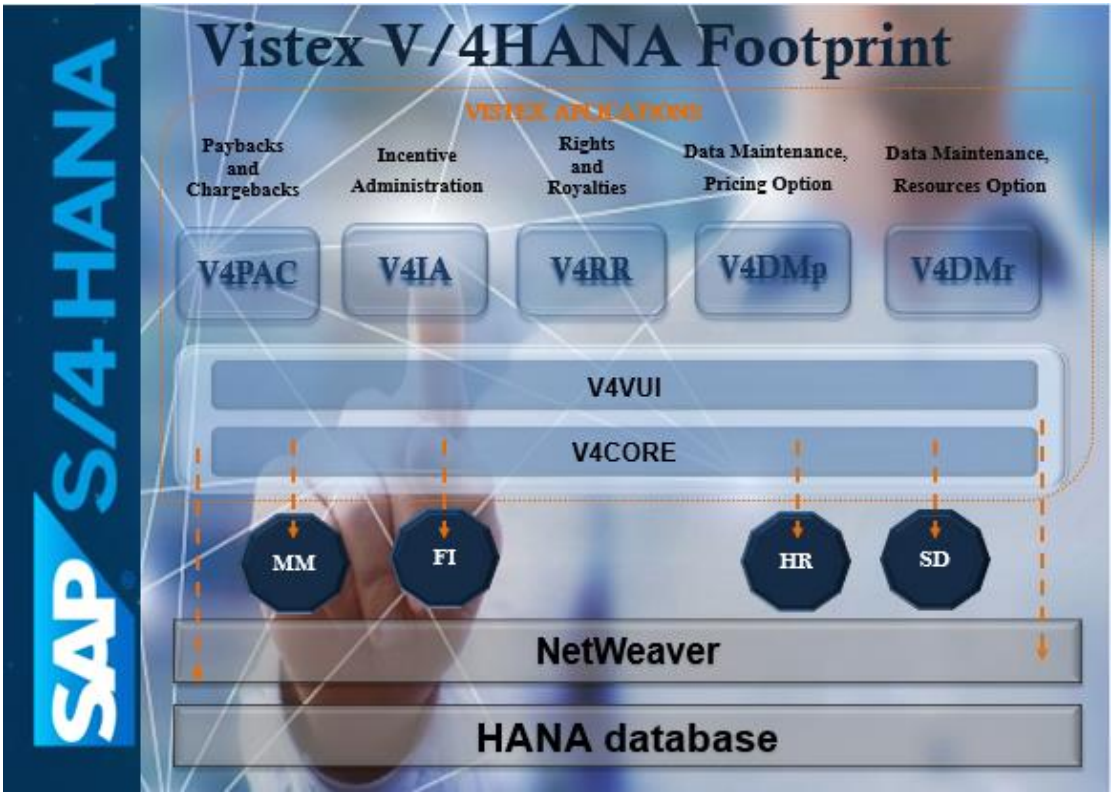
3 Basic System Landscape

This section describes the technical system landscape and the software components involved. The following figure provides an overview of the system landscape for SAP S/4HANA for Rights and Royalty Management by Vistex.

SAP S/4HANA for Rights and Royalty Management by Vistex is one of the solutions provided by Vistex, therefore, diagram below display SAP S/4HANA for Rights and Royalty Management by Vistex among other applications.



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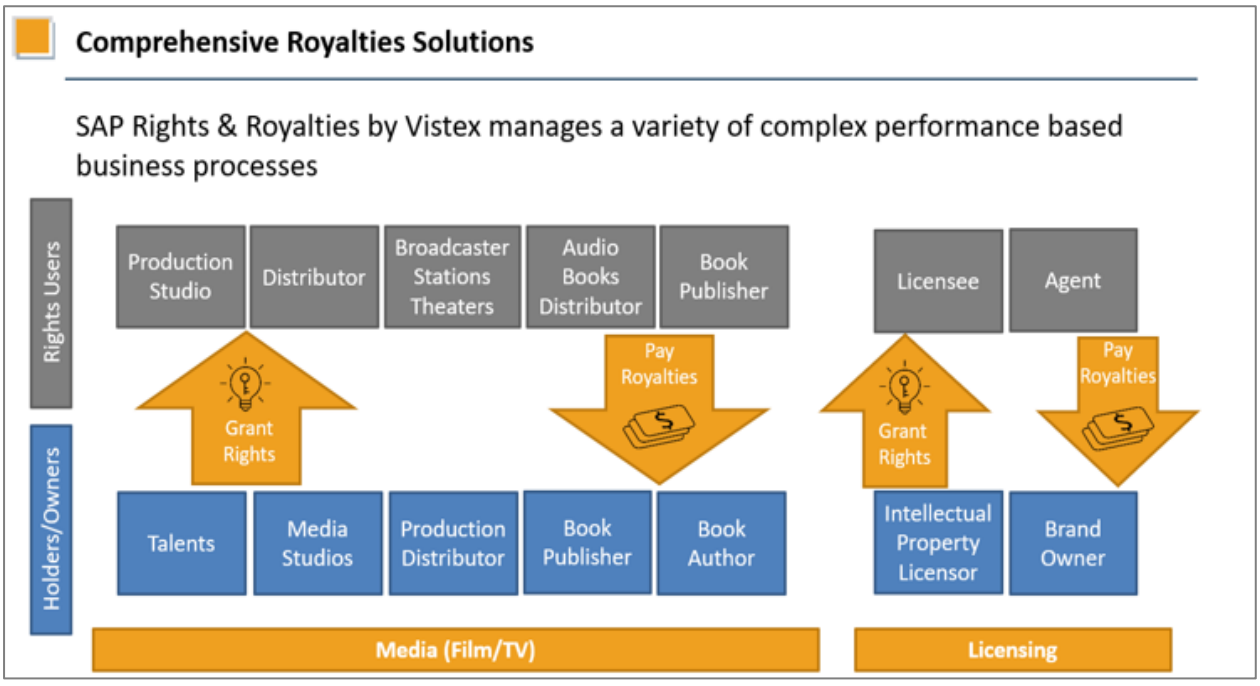
4 Main Process



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Overall Rights Flow

Overall Rights/Royalty Flow for Licensing Industry

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5 Preparation Planning

5.1 Overview of Technical Runtime Scenario

Software Component	Required or Optional
V4RR	Required
V4CORE	Required
V4VUI	Optional

From a microeconomic perspective, a business scenario is a cycle that consists of several different logical processes interconnected in time. Typically, a business scenario includes several company departments and involves other business partners. From a technical point of view, rights and royalty business scenarios need SAP S/4HANA to run. A business scenario is a unit that can be implemented separately and reflects the customer's prospective course of business.

5.2 System Minimum Requirements

The solution is developed for an SAP S/4HANA 2021 server. You need to ensure that your system is exactly on the following release level:

- ***S/4 system Minimum Requirements***

  S4CORE 106

  SAP_ABA 75G

  SAP_BASIS 756

➢ ***FIORI Minimum Requirements (if installed on S/4 server)***

  SAP_UI Version 756 SP1 & Minimum UI5 libraries 1.90

➢ ***FIORI Minimum Requirements (if installed on standalone FIORI server)***

  Minimum SAP_UI Version 756 SP1, and Minimum UI5 libraries 1.90

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5.3 Implementation

Please refer to the Installation Note to install SAP S/4HANA for Rights and Royalty Management by Vistex into your SAP S/4HANA 2021 system. During the installation, the following ABAP Add-ons will be installed:

- V4CORE release 2021
- V4RR release 2021

If using FIORI, the following component will be installed in the gateway server:

- V4VUI release 2021

5.4 Overview of Important SAP Notes

The following SAP Notes are essential for installing, upgrading, and operating SAP S/4HANA for Rights and Royalty Management by Vistex:

> **Note**
>
> The SAP Notes relevant for installation and upgrade are also listed in the respective sections in this guide. Make sure that you have the latest version of each SAP Note, which is available on SAP Support Portal at Knowledge Base (sap.com).

SAP Note Number	Title	Description
3221198	Vistex Release V/4 2021 Solutions Installation/Upgrade to S/4HANA OP 2021	Installation and Upgrade note
3222337	Uninstall Components of Vistex V4HANA 2021 Software Version for S/4HANA OP 2021	Uninstall note
3221199	Vistex IP and DM Module Conversion to Release V/4 2021 on S/4HANA OP 2021	Migrate process note
3221251	Vistex conversion programs for the upgrade to Rls V/4 2021	Conversion

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5.5 Related Documents

Refer to the “Release Summary” document by Vistex which is available on the Vistex company website. Customers may subscribe to receive the Release Summary document for each new release.

- Go to Revenue Management Solutions & Services - Vistex, Inc
- Choose “Services” > “Customer Support” menu option
- Click “SAP Solutions Support” icon
- Scroll to the bottom of the page and fill out the form

5.6 Explanation of Vistex Licenses

Each Vistex add-on solution for SAP S/4HANA 2021 is licensed separately. The solution add-ons will be available from the https://launchpad.support.sap.com/#/softwarecenter download site according to the customer's licensing agreement. For missing solutions add-ons, please contact the customer's SAP account executive.

5.7 Getting Support

If you encounter any problems with SAP S/4HANA for Rights and Royalty Management by Vistex, report an incident on SAP Support Portal. To report an incident, go to SAP Support Portal at https://launchpad.support.sap.com/#/incident/create. The relevant component is V4RR. First level support of SAP rights and royalty management by Vistex is provided through SAP Support Portal Home via component XX-PART-VIS-RAR. All support and remote support tools are available as per the standard SAP service contract. Remote support is provided by SAP (and/or Vistex) via SAP Solution Manager, and the standard SAP support roles can be used for the support activities.

5.8 Important Considerations

The Vistex add-on software can be installed simultaneously with the SAP S/4HANA 2021 software—or installed alone—using SAINT.

5.9 Constraints

None

For additional requirements please refer to Installation Guide and Admin Guide at the SAP portal SAP Help Portal.

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6 Installing SAP S/4HANA for Rights and Royalty Management by Vistex

This section provides information about how to prepare for installation and what to do before and after the installation of SAP S/4HANA for Rights and Royalty Management by Vistex.

6.1 Prerequisites for Installation

This section lists the prerequisites that must be met before you start installation.

6.1.1 SAP Notes for Installation

Read the following SAP Notes before you start installation. These SAP Notes contain the latest installation information, as well as any corrections.

> **Note**
>
> Make sure that you have the latest version of each SAP Note, which is available on SAP Support Portal at SAP ONE Support Launchpad: Log On

SAP Note Number	Title	Description
3221198	Vistex Release V/4 2021 Solutions Installation/Upgrade to S/4HANA OP 2021	Installation and upgrade

6.2 Pre-Installation Tasks

This section describes tasks that must be completed before you begin installation of SAP S/4HANA for Rights and Royalty Management by Vistex.

Download the following Vistex Add-on Installation packages and Support Packages from SAP Support Portal Home

Implementation:

- V4RR release 2021
- V4CORE release 2021
- V4VUI release 2021

Installation Tools:

Standard SAP add-on installation tools such as SAINT (for installation) and SPAM (for Support Packages) should be used for loading the solution into your system.

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6.3 SAP Install and Upgrade

For SAP upgrade related to release refer to SAP’s Upgrade Guide for SAP S/4HANA 2021 at SAP Portal SAP Help Portal.

6.4 Post-Installation Tasks

This section describes tasks that should be completed after you've finished installing SAP S/4HANA for Rights and Royalty Management by Vistex.

Note

None

6.5 HELP Documentation

Help documentation is available online at Welcome to Vistex Help Portal | Vistex, Inc or SAP Help Portal.

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7 Configuring SAP S/4HANA for Rights and Royalty Management by Vistex

This section describes how to configure the basic scenario for SAP S/4HANA for Rights and Royalty Management by Vistex.

The purpose of the scenario is to provide insight into a typical rights and royalty process. The rights process is initiated with an agreement created when a Licensee (Publisher) acquires rights from a Licensor (Author). The royalty is maintained based on categories like Geography, Format, Language and more. Publishing advances are maintained at the title and set level which are then recouped with the royalty calculated as per the settlement's period profile. This scenario highlights the various stages of a rights and royalty process like maintenance of master data, creation of a rights-in agreement, execution of billing claim, and revenue recognition at the accounting level.

DISCLAIMER: The scenario described in the procedure steps below reflects the use of strictly example configuration.

Glossary of commonly used terms

Agreements	The contract between the licensor and licensee will include the following types of rules, which are used to calculate rights, rates, and fees
Eligibility	Who the contract is with, such as the eligible licensor, licensee, or agency
Guarantees	Amount paid at time of contract to cover startup costs, advance, installments, and marketing money.
Schedule(s)	Used to specify the amounts and dates for each schedule. The schedule ID then is specified on the guarantee rule, which contains the intellectual property being licensed and the flexible group/material group, dimension set, and validity dates.
Claims	Sales data for licensed items sold is entered as a claim, either manually or through upload/EDI. The claim lists the material, intellectual property (from the composition, if configured), quantity, royalty agreement, dates, and dimensions. When claim line item dimension information changes, the system reprices the item. Dimension cross reference functionality is provided to determine the correct dimension when an invalid dimension is entered on the claim.
Tracking	Tracking shows the real-time details of the royalty payment calculations. The royalty percentage or amount comes in dynamically from the agreement.

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7.1 Create Partner Determination Procedure

7.1.1 Create a new Partner Function:

/IRM/IPSPRO > Incentive and Payback Module > Basic Functions > Partner Determination > Partner Determination (Version 2.0) > Maintain Partner Determination Procedure

8.1.2 Create a new Partner Determination procedure:

/IRM/IPSPRO > Incentive and Payback Module > Basic Functions > Partner Determination > Partner Determination (Version 2.0) > Maintain Partner Determination Procedure.

7.2 Create Schedule Item Types

Schedule Item types are used for periodic and specific date schedules. For each item type, assign an alphanumeric identifier and a description. In the schedule type configuration, assign item types to the schedule type.

7.2.1 Create a new Schedule Item Type:

/IRM/IPSPRO > Basic Functions > Pricing - Sales > Pricing Agreements > Define Schedule Item Types from the IMG structure

7.3 Create Schedule Types

Schedules can be used to allocate an agreement amount or percentage to a special promotion. For example, allocation can be performed on a specific date, periodically, or when a milestone is reached.

7.3.1 Go to Create a new Schedule Type:

/IRM/IPSPRO > Basic Functions > Pricing - Sales > Pricing Agreements > Define Schedule Types from the IMG structure

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7.4 Create Schedule Usage

Schedule Usage can be defined in this section. To define each Schedule Usage, enter a 2-character alphanumeric identifier and a description.

7.4.1 Create a new Schedule Item Type

IPSPRO > Basic Functions > Pricing - Sales >Pricing Agreements > Define Schedule Usages from the IMG structure

7.5 Maintain Number Range for Claim

Define the number intervals of the number ranges for Claim documents. As a prerequisite to transaction document processing, a number range must exist and be assigned to each transaction type.

When creating a transaction document, a unique number is assigned which identifies the document. The number comes from the number range provided for the Claim type.

7.5.1 Go to the below mentioned path to maintain number range 01 for Claim type

/IRM/IPSPRO > Incentive and Payback Module > Global Settings > Define Number Ranges for Claims

7.6 Maintain Condition Types

Price elements are represented in the system by condition types. Price elements can be, for example, prices, surcharges, discounts, taxes or freight, and are stored in the system in condition records.

7.6.1 Create a new condition table

/IRM/IPSPRO > Incentive and Payback Module >Basic Functions > Pricing Sales > Pricing Control → Define Condition Types

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7.7 Create Calculation Procedure

7.7.1 Go to the below mentioned path to create Calculation Procedure:

/IRM/IPSPRO > Incentive and Payback Module > Basic Functions > Calculation Engine > Sales > Calculation Procedure

7.8 Create Partner Determination Procedure for Claim

7.8.1 Go to the below mentioned path to create Partner Determination Procedure:

/IRM/IPSPRO > Incentive and Payback Module > Basic Functions > Partner Determination > Partner Determination (Version 2.0) > Maintain Partner Determination Procedure

7.8.2 Select Partner Functions and execute

7.8.3 Select New Entries and Maintain Partner Functions

7.8.4 Maintain Partner Determination Procedure and Partner Functions with the following data in the below path:

/IRM/IPSPRO > Incentive and Payback Module > Basic Functions > Partner Determination > Partner Determination (Version 2.0) > Maintain Partner Determination Procedure.

7.8.5 To create Number Ranges:

SPRO > IMG > Logistics General > Settlement Management > Basic Settings > Define Number

7.8.6 Create Condition Type, Account Key, Pricing procedure and Maintain Dr/Cr entries for G/L account

7.8.7 To create condition type:

SPRO > IMG > Logistics General > Settlement Management > Basic Settings >Pricing > Material Management > Define condition type 'XXXX custom naming"

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7.8.8 To create the condition type:

SPRO > IMG > Logistics General > Settlement Management > Basic Settings > Pricing > Material Management > Define condition type 'XXXX custom naming

7.8.9 To create Account key:

SPRO > IMG > Logistics General > Settlement Management > Basic Settings > Account determination > Material Management > Define account key

7.8.10 To create Pricing procedure:

SPRO > IMG > Logistics General > Settlement Management > Basic Settings > Pricing > Materials Management > Set Calculation Schema – Purchasing

7.8.11 To define Document Schema Group:

SPRO > IMG > Logistics General > Settlement Management > Basic Settings > Pricing > Define Document Schema Groups for Settlement Document Types

7.8.12 To specify Pricing procedure determination:

SPRO > IMG > Logistics General > Settlement Management > Basic Settings > Pricing > Specify Pricing procedure Determination > Pricing Procedure Determination for Supplier Billing Document and Expense Settlements

7.8.13 To maintain Account determination:

SPRO > IMG > Logistics General > Settlement Management > Basic Settings > Account Determination > Material Management > Specify account determination

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7.8.14 Go to the below mentioned path to specify settings for Partner Determination:

SPRO > SAP Customizing Implementation Guide > Logistics - General > Settlement Management > Basic Settings > Specify Settings for Partner Determination > Click Partner Determination on Header Level

7.9 Create CSS posting type

7.9.1 To create CSS posting Type:

SPRO > SAP Customizing Implementation Guide >Logistics - General > Settlement Management > Settlement documents > Settlement document types > All Document types

7.9.2 Create Opposite document for claim reverse posting

This new functionality enables users to create a new opposite claim document without reverse posting the existing claim. Maintained in SPRO at the Posting Profiles levels users able to assign a new reverse type “Post Opposite”. When the posting profile is set for “post Opposite” the system re-calculates the claim lines with opposite data and send it over for posting.

IPSPRO > Incentive and Payback Module > Accrual and Settlement > Define Accrual Profiles > Reversal Type = Post opposite accrual

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8 To maintain copy control for condition contract billing type:

SPRO > SAP Customizing Implementation Guide > Logistics – General > Settlement Management > Basic Settings > Specify Copy Control.

8.1 Create Settlement Processing type

8.1.1 Create Billing Type refer to SAP:

SPRO > SAP Customizing Implementation Guide >Logistics - General > Settlement Management > Settlement Process > Define Settlement Process types

8.2 Create Posting Profile

8.2.1 To create Accrual Profile:

/IRM/IPSPRO > Incentive and Payback Module > Accrual and Settlement > Define Posting Profiles

8.3 Create Claim Type

8.3.1 To create Claim Type:

/IRM/IPSPRO > Incentive and Payback Module >Documents > Claims > Define Claim Types

8.3.2 In Item Category node, add New Entries and maintain Item Category as ‘XXXX custom description, Partner

Determination Procedure ‘XXXX custom description”.

8.3.3 In Item Category node, add New Entries and maintain Item Category as ‘XXXX custom naming’, Partner

Determination Procedure ‘XXXX custom naming’.

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8.4 Define Sets and Dimensions

8.4.1 To maintain Sets and Dimensions:

/IRM/IPSPRO > Incentive and Payback Module > Basic Functions > Pricing - Sales > Pricing Agreements > Setup Agreements > Agreement Rules > Define Sets and Dimensions

8.5 Create Dimension Profile

8.5.1 To create Dimension profile:

/IRM/IPSPRO > Incentive and Payback Module >Basic Functions > Pricing – Sales > Pricing Agreements >Setup Agreements > Agreement Rules > Define Dimension Profiles

8.6 Maintain Condition Table

In a condition table, you define the combination of fields for which you can create condition records.

8.6.1 Go to /IRM/IPSPRO create a new condition table

/IRM/IPSPRO > Incentive and Payback Module > Basic Functions > Pricing Sales > Pricing Control → Define Condition Tables

8.7 Define Access Sequences

The access sequence is a search strategy which the SAP System uses to search for condition records valid for a condition type.

8.7.1 Go to /IRM/IPSPRO create a new condition table

/IRM/IPSPRO > Incentive and Payback Module > Basic Functions > Pricing Sales > Pricing Control → Define Access Sequences

8.8 Maintain Condition Types

Price elements are represented in the system by condition types. Price elements can be, for example, prices, surcharges, discounts, taxes or freight, and are stored in the system in condition records.

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8.8.1 Create a new condition table

/IRM/IPSPRO > Incentive and Payback Module >Basic Functions > Pricing Sales > Pricing Control → Define Condition Types

8.8.2 Maintain Condition Types

8.9 Maintain Condition Type Group

Condition type groups contain a group of condition types and tables which can be assigned to an agreement type.

8.9.1 Go to SPRO, create a new Condition Type Group

Logistic General > Settlement Management > Condition Contract Management > Condition Contract Conditions > Sales > Maintain Condition Type Group

8.10 Assign Condition Type to Condition Type Group

Assigning sales condition types to a condition type group.

8.10.1 Assign the condition types to above Created Condition Type Group:

SPRO > Logistic General > Settlement Management > Condition Contract Management > Condition Contract Conditions > Sales > Assign Condition Type to Condition Type Group

8.10.2 Select New Entries Maintain Condition type group select usage of condition Contract Number for Condition

8.11 Maintain number ranges for condition contract:

SPRO > Logistic General > Settlement Management > Condition Contract Management > Condition Contract Maintenance > Define Number Ranges

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8.12 Create Condition Contract Type

Define Condition Contract Types for different condition contract processing purposes. The condition contract type determines the behavior and layout of a condition contract maintained

8.13 Create a new Condition Contract Type:

SPRO>Logistic General > Settlement Management > Condition Contract Management > Condition Contract Maintenance > Maintain Condition Contract Type

8.14 Define number Ranges for Agreement

8.14.1 Maintain number ranges for agreement in the below configuration path:

/IRM/IPSPRO > Incentive and Playback Module > global Settings > Define Number Ranges for Agreement (Version 2)

8.15 Create Agreement Type

The Agreement Type determine which rules or conditions will be available for the Agreement including default data such as and validity dates, partners, and tab

8.15.1 Create agreement type:

Basic Functions → Pricing - Sales → Pricing Agreements > Maintain IP Agreement Types – Sales

8.16 Create Calculation Procedure

8.16.1 To create Calculation Procedure:

/IRM/IPSPRO > Incentive and Payback Module > Basic Functions > Calculation Engine > Sales > Calculation Procedure

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8.17 Create Account Key, Pricing procedure and Maintain Dr/Cr entries for G/L account

8.17.1 To create Account key:

SPRO > IMG > Logistics General > Settlement Management > Basic Settings > Account determination > Material Management > Define account key

8.17.2 To create Pricing procedure:

SPRO > IMG > Logistics General > Settlement Management > Basic Settings > Pricing > Materials Management > Set Calculation Schema - Purchasing 'VIBACR'

8.17.3 To define Document Schema Group 'V3'

SPRO > IMG > Logistics General > Settlement Management > Basic Settings > Pricing > Define Document Schema Groups for Settlement Document Types

8.17.4 To specify Pricing procedure determination

SPRO > IMG > Logistics General > Settlement Management > Basic Settings > Pricing > Specify Pricing procedure Determination > Pricing Procedure Determination for Supplier Billing Document and Expense Settlements

8.17.5 To maintain Account determination

SPRO > IMG > Logistics General > Settlement Management > Basic Settings > Account Determination > Material Management > Specify account determination

8.18 Create Claim Type

8.18.1 To create Claim Type:

/IRM/IPSPRO > Incentive and Payback Module >Documents > Claims > Claim Types

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8.19 Define Accounting Types

8.19.1 Create a new Accounting Type

/IRM/IPSPRO > Basic Functions > Pricing - Sales > Pricing Agreements > Accounting > Define Accounting Types from the IMG structure

8.20 Define Accounting Methods

8.20.1 Create a new Accounting Method

/IRM/IPSPRO > Basic Functions > Pricing - Sales > Pricing Agreements > Accounting > Define Accounting Methods from the IMG structure

8.21 Define Accounting Principles

8.21.1 Create a new Accounting Method

/IRM/IPSPRO > Basic Functions > Pricing - Sales > Pricing Agreements > Accounting > Define Accounting Principles from the IMG structure

8.22 Assign Accounting Types to Agreement Types

8.22.1 Assign Accounting Types To Agreement Types

/IRM/IPSPRO > Basic Functions > Pricing - Sales > Pricing Agreements > Accounting > Assign Accounting Types To Agreement Types from the IMG structure or go to Transaction /IRM/IPAGACTM

8.23 Maintain Number Range for Claim

8.23.1 To maintain number range 01 for Claim type

/IRM/ /IRM/IPSPRO > Incentive and Payback Module > Global Settings > Define Number Ranges for Claims

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8.24 Maintain Condition Types

8.24.1 Create a new condition table

/IRM//IRMIPSPRO > Incentive and Payback Module >Basic Functions > Pricing Sales > Pricing Control → Define Condition Types -> Maintain Condition Type(s)

8.25 Create Calculation Procedure

8.25.1 To create Calculation Procedure:

/IRM/IPSPRO > Incentive and Payback Module > Basic Functions > Calculation Engine > Sales > Calculation Procedure

8.26 Create Partner Determination Procedure for Claim

8.26.1 To create partner Determination procedure for Claims

/IRM/IPSPRO > Incentive and Payback Module > Basic Functions > Partner Determination > Partner Determination (Version 2.0) > Maintain Partner Determination Procedure

8.26.2 Maintain Partner Determination Procedure and Partner Functions with the following data in the below path:

/IRM/IPSPRO > Incentive and Payback Module > Basic Functions > Partner Determination > Partner Determination (Version 2.0) > Maintain Partner Determination Procedure

8.27 Create Material and Partner Compositions

8.27.1 Create Partner Composition using the path:

/IRM//IRM/EPSPRO > Materials > Composition > Define Composition Type

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8.27.2 In partner Roles node and make a new entry for Partner Function

8.27.3 Create Item type in this path:

/IRM/EPSPRO > Materials > Composition > Define Item Type

8.27.4 Create Material Composition using the path:

/IRM/EPSPRO > Materials > Composition > Define Composition Type

8.28 Create Claim Type

8.28.1 Go to the below mentioned path to create Claim Type:

/IRM/IPSPRO > Incentive and Payback Module >Documents > Claims > Define Sales Claim Types

8.29 Calculation Path

8.29.1 To create Calculation:

/IRM/IPSPRO > Incentive and Payback Module > Basic Functions > Calculation Engine > Sales > Calculation Path

8.30 Create Calculation Procedures for Bucket and Tracking

Calculation Procedure at Calculation Bucket Level:

8.30.1 To create Calculation Procedure

/IRM/IPSPRO > Incentive and Payback Module > Basic Functions > Calculation Engine > Sales > Calculation Procedure

Calculation Procedure at Tracking Item Level:

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8.30.2 Go to the below mentioned path to create Calculation Procedure

/IRM/IPSPRO > Incentive and Payback Module > Basic Functions > Calculation Engine > Sales > Calculation Procedure

8.31 Create Condition Search Profile

8.31.1 To create Condition Search Profile

/IRM/IPSPRO > Incentive and Payback Module > Basic Functions > Condition Search > Define condition Search Profile

8.32 Create Calculation Buckets

8.32.1 To create calculation bucket type

/IRM/IPSPRO > Incentive and Payback Module > Documents > Calculation Buckets > Define bucket Types

8.33 Maintain Condition Types

Price elements are represented in the system by condition types. Price elements can be, for example, prices, surcharges, discounts, taxes or freight, and are stored in the system in condition records

8.33.1 Create a new condition types by selecting

/IRMIPSPRO > Incentive and Payback Module > Basic Functions > Pricing Sales > Pricing Control → Define Condition Types

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8.34 Create Calculation Run Data Model

8.34.1 Go to data model workbench using the transaction code

/IRM/IPTTCM or use the configuration path: IPSPRO > Incentive and Payback Module >Documents > Calculation Buckets > Define Transactional Calculation Run types > Calculation Run Data Model

8.35 Create Period Profiles

8.35.1 Go to Period Profile workbench using the transaction code

/IRM/GFPM and Enter Period profile (XXXX custom data), Description, Sub-Category F Year Dependent Fiscal Year, and click on Add year button to add periods for year XXXX.

8.36 Define Number Ranges for Calculation Run Types (Transactional)

8.36.1 Maintain number ranges for Calculation run types (Transactional) in the below configuration path:

/IRM/IPSPRO > Incentive and Playback Module > Global Settings > Define Number Ranges for Calculation Run types (Transactional)

8.37 Create Calculation run types for Accrual

8.37.1 Go to the below mentioned path to create Calculation Run Type:

/IRM/IPSPRO > Incentive and Payback Module >Documents > Calculation Buckets > Transactional Calculation Run types and enter the following data

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8.38 Account Key, Pricing procedure and Maintain Dr/Cr entries for G/L account

8.38.1 To create Account key:

SPRO > IMG > Logistics General > Settlement Management > Basic Settings > Account determination > Material Management > Define account key

Make another entry for Account key

8.38.2 To create Pricing procedure:

SPRO > IMG > Logistics General > Settlement Management > Basic Settings > Pricing > Materials Management > Set Calculation Schema - Purchasing

8.38.3 Go to the below mentioned path to define Document Schema Group ‘

SPRO > IMG > Logistics General > Settlement Management > Basic Settings > Pricing > Define Document Schema Groups for Settlement Document Types

8.38.4 Go to the below mentioned path to specify Pricing procedure determination

SPRO > IMG > Logistics General > Settlement Management > Basic Settings > Pricing > Specify Pricing procedure Determination > Pricing Procedure Determination for Supplier Billing Document and Expense Settlement

8.38.5 Go to the below mentioned path to maintain Account determination

SPRO > IMG > Logistics General > Settlement Management > Basic Settings > Account Determination > Material Management > Specify account determination

Select the Transaction ‘VPA’ and enable Account Determination checkbox.

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8.39 Create Accrual Billing type for Reversal

To create an accrual billing type, user has to create settlement document types, it is defined to classify different settlement processes in Settlement Management. The settlement document type determines how the system processes a document in Settlement Management.

8.39.1 Go to the below mentioned path to create Billing Type:

SPRO > SAP Customizing Implementation Guide > Logistics - General > Settlement Management > Settlement documents >Settlement document types > All Document types

8.39.2 Go to the below path to maintain copy control for condition contract billing type:

SPRO > SAP Customizing Implementation Guide > Logistics – General > Settlement Management > Basic Settings > Specify Copy Control

8.39.3 Go to the below mentioned path to assign Reversal Accrual Billing Type to Accrual Billing type:

SPRO > SAP Customizing Implementation Guide > Logistics - General > Settlement Management > Settlement documents >Settlement document types > All Document types

8.40 Create Accrual Profile

8.40.1 Go to the below mentioned path to create Accrual Profile:

/IRM/IPSPRO > Incentive and Payback Module > Accrual and Settlement > Define Accrual Profiles

8.41 Create Calculation run type for Settlement

8.41.1 Go to the below mentioned path to create Calculation Run Type:

/IRM/IPSPRO > Incentive and Payback Module > Documents > Calculation Buckets > Transactional Calculation Run types and enter the following data.

8.42 Account Key, Pricing procedure and Maintain Dr/Cr entries for G/L account

Refer to step above (9.39)

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8.43 Create Settlement Billing type for Reversal

To create an accrual billing type, user has to create settlement document types, it is defined to classify different settlement processes in Settlement Management. The settlement document type determines how the system processes a document in Settlement Management.

8.43.1 To create Billing Type:

SPRO > SAP Customizing Implementation Guide > Logistics - General > Settlement Management > Settlement documents >Settlement document types > All Document types

8.43.2 To maintain copy control for condition contract billing type:

SPRO > SAP Customizing Implementation Guide > Logistics – General > Settlement Management > Basic Settings > Specify Copy Control

8.44 Create Settlement Processing type

8.44.1 To create Billing Type:

SPRO > SAP Customizing Implementation Guide >Logistics - General > Settlement Management > Settlement Process > Define Settlement Process types

8.45 Create Settlement Profile

The settlement profile determines the path that the settlement will take in the FI module - through A/P or A/R. If the settlement path will be HR, then a settlement profile is not created. Define a Settlement profile and assign it to the source document - bucket type combination in the Header criteria Table for Sales or Purchasing. A settlement profile is only entered for Transactional processing, not Composite processing.

In the rights and royalty module, when the documents are settled, a clearing account is used along with the customer or vendor account. For example, in case of a chargeback settlement, the company will debit the vendor account and credit the clearing account. After settlement, it is expected that the clearing account balances.

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8.45.1 To create Settlement Profile:

/IRM/IPSPRO > Incentive and Payback Module > Accrual and Settlement > Define Settlement Profiles

8.46 Create Calculation Bucket Group

8.46.1 To create Bucket Group:

/IRM/IPSPRO > Incentive and Payback Module > Documents > Calculation Buckets > Calculation bucket Groups > Sales

8.47 Number Range for Calculation Bucket

8.47.1 Maintain number ranges for agreement in the below configuration path:

/IRM/SPRO > Incentive and Playback Module > Global Settings > Define Number Ranges for Calculation bucket

8.48 Create Bucket Type

Calculation buckets are used to define calculation data.

*May require consultant input

8.48.1 To create Bucket type:

/IRM/IPSPRO > Incentive and Payback Module > Documents > Calculation Buckets > Define Calculation Bucket types

8.49 Create Search Profile to Process Source Document

In this transaction code, user can create search profile for source document processing

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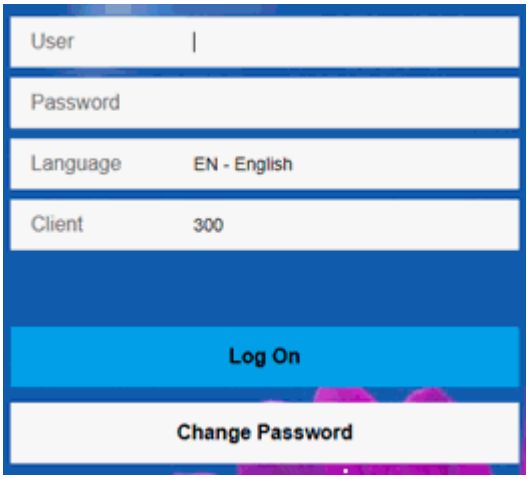
8.49.1 Go to transaction code /IRM/IPCLBUSPM

8.50 Configure Fiori

In order to provide a more user friendly and customizable user experience, many of the Vistex applications are available as Fiori applications. Fiori applications allow clients to develop role-based layouts and improve overall user experience for many applications. This is accomplished through the creation of UI profiles, search profiles, and role assignments. These applications are available through the Vistex Launchpad and are scalable for use on any device. To access the application, the user will have to provide the corresponding URL in the browser. This will take the user to the logon screen. Here the corresponding credentials must be entered.

To access the Fiori, the UI connection must be maintained between the ERP system and the Gateway system.

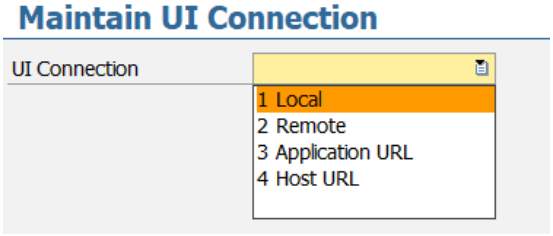


8.50.1 UI Connection Maintenance (ERP System)

The following steps must be completed to maintain the ERP system connection to the Gateway system:

- After executing the transaction /IRM/GUICNM, the user must select type of UI Connection as Remote.
- Then the RFC Destination of the Gateway System, based on the connection type selected.

The below example illustrates the information necessary for a remote connection.



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8.50.2 ERP Connection Maintenance (Gateway System)

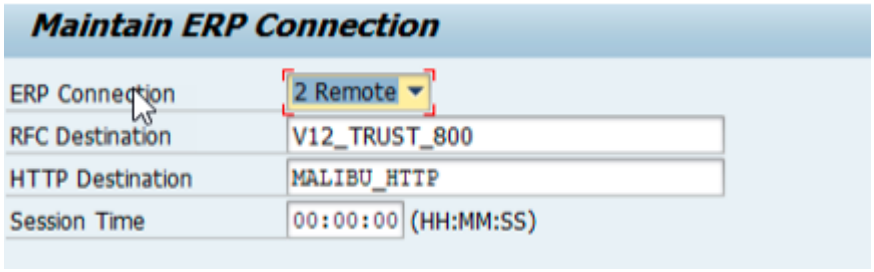
With the connection completed on the ERP system side, the UI connection must be maintained in the Gateway System. For this, the following steps must be followed:

• Execute transaction /VUI/GERPCNM, to maintain ERP Connection type.

• Specify the RFC Destination, the ERP System, for the corresponding connection type.

• Then specify the HTTP Destination, for example the HTTP Connection to the ABAP System from the transaction SM59. This will support the GUI navigations and IP Reports for Remote Connection.

The below example illustrates this connection using the remote connection.



8.50.3 Create Workspace

To creating the workspace for agreement go to tcode /IRM/GWSM

8.50.4 UI Profile Types

To create UI Profile Type go to tcode /IRM/IPAGUPM

8.50.5 Create UI Profile

To create a UI profile, go to tcode /IRM/GEVUPM

8.50.6 Create Search Profile

A search profile will assist the user in finding existing documents in the Fiori application. The search profile can be created using the workbench, /IRM/GEVUSPM

8.50.7 Create User Role

A role is defined as a collection of workspaces, search profiles, UI profiles, and users. This will help determine which users have access to view and maintain particular information. To create a role, the user must enter the transaction /IRM/GURLM.

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8.51 Posting materials to DM

8.51.1 Log into the Fiori link with the user ID and password provided.

8.51.2 Select Publishing Rights & Royalties case study from the menu

8.52 Create Composition

8.52.1 Select Composition Workbench tile in the workspace

8.52.2 Select <*Composition Type*> from section in the composition type drop down

8.52.3 Enter <*Material*> in Composition field

8.52.4 Maintain Valid From and Valid To dates

8.53 Create Agreement

Agreement is created to define the terms and conditions of sales deal/condition contract between distributor and manufacturer. The Agreement specifies the validity, settlement parameters, and the pricing condition records on which the Billback amount is evaluated.

Note

May require custom configuration

8.54 Post the Advance Claim

Note

May require custom configuration

8.55 Create Claim

Note

May require custom configuration

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8.56 Post Accrual

Note

May require custom configuration

8.57 Post Settlement

Note

May require custom configuration

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9 Security Information for SAP S/4HANA for Rights and Royalty Management by Vistex

This section deals with security topics relevant for SAP S/4HANA for Rights and Royalty Management by Vistex

Since SAP S/4HANA for Rights and Royalty Management by Vistex is an embedded SAP Add-on, standard SAP security authorizations are utilized. This includes communication security, user management and authentication concept, logging configuration for security relevant events. Security can be done at a transaction level as well as a field level. Please refer to SAP security guides found on the SAP Support Portal Home.

9.1 Other Required Documents for Security

SAP S/4HANA for Rights and Royalty Management by Vistex is based on SAP S/4HANA 2021, NetWeaver 7.5. This means that the corresponding security guides also apply.

Troubleshooting:

Please refer to the standard SAP Operations Guide found at SAP Help Portal for troubleshooting. Notes on SAP Support Portal Home are also used for specific troubleshooting issues and resolutions. If there are issues when installing SAP S/4HANA for rights and royalties management by Vistex make sure the file size that is being installed matches the file size on My Support (sap.com) Security on some networks will not allow for a full download and will truncate the files. Also, if copying the files from a PC to an application server, make sure it is done in “BINARY” mode.

Issue:

Transaction code does not exist

Cause:

SAP does not recognize “/IRM” as the start of a transaction code.

Troubleshooting:

All Vistex transaction codes need to have “/N” or “/O” before the transaction code when entering it in the toolbar. It is not needed when entering the transaction code in the user menu as a favorite.

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Issue:

The Calculation Bucket cannot be accrued, or it is accrued to the wrong account.

Cause:

Configuration is not set up correctly.

Troubleshooting:

Have a system analyst or administrator check the configuration settings in the Vistex IMG in transaction code /IRM/IPSPRO. Once in the transaction code, make sure that there is an accrual profile or that it is the correct one for the applicable IP Bucket type and source document, sales organization, and partner type combination. The accrual profile can be created and/or updated in the Vistex IMG in transaction code /IRM/IPSPRO in menu path Accrual and Settlement>Define Accrual Profile.

Issue:

The Calculation Bucket cannot be settled, or it is settled to the wrong account.

Cause:

The document has not been fully accrued or reconciled or configuration is not set up correctly.

Troubleshooting:

The Calculation Bucket cannot be settled if the accrual amount does not match the net value. Check to see if the two values match. If they do not, accrue the Bucket again through a batch job or within the workbench and the old accrual will be reversed and the new one with the current net value will be created. If the Bucket will still not settle, check the Terms/Settlement tab in the Settlement Method field or by reviewing the settlement parameters for the partner (transaction code /IRM/IPxxCSP for customers, /IRM/IPxxVSP for vendors, and /IRM/IPxxESP for employees). If it still does not settle or is the wrong account, have a system analyst or administrator check the configuration settings in the Vistex IMG in transaction code /IRM/IPSPRO to make sure that there is a settlement profile or that it is the correct one for the applicable IP Bucket type and source document, sales organization, and partner type combination. The settlement profile can be created and/or updated in the Vistex IMG in transaction code /IRM/IPSPRO in menu path Accrual and Settlement>Define Settlement Profile.

9.2 User Management

This section provides an overview of how you manage and authenticate users in SAP S/4HANA for Rights and Royalty Management by Vistex.

SAP S/4HANA for Rights and Royalty Management by Vistex uses the user management and authentication mechanisms provided by SAP for NetWeaver 7.5 and SAP S/4HANA 2021. The security recommendations and guidelines for user administration and authentication are described in chapter 6 of the SAP Operations Guide found at SAP Help Portal.

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9.2.1 User Administration Tools

SAP S/4HANA for Rights and Royalty Management by Vistex is an embedded solution and utilizes the standard SAP user administration tool for which documentation can be found at SAP Help Portal.

9.2.2 User Data Synchronization

SAP S/4HANA for Rights and Royalty Management by Vistex uses the supports the Single Sign-On (SSO) mechanisms provided by SAP NetWeaver. Therefore, the security recommendations and guidelines for user administration and authentication as described in the SAP NetWeaver Security Guide also apply. Refer to chapter 6 of the SAP Operation Guide.

9.2.3 Authentication and Single Sign-On

This section describes how authentication and single sign-on for users are implemented in SAP S/4HANA for Rights and Royalty Management by Vistex.

SAP S/4HANA for Rights and Royalty Management by Vistex supports the Single Sign-On (SSO) mechanisms provided by SAP NetWeaver. Therefore, the security recommendations and guidelines for user administration and authentication as described in the SAP NetWeaver Security Guide also apply.

SAP S/4HANA for Rights and Royalty Management by Vistex uses the is embedded SAP Add-On, therefore, utilize standard SAP concepts and uses the authorization concept provided by the SAP NetWeaver AS ABAP or AS Java.

The SAP NetWeaver authorization concept is based on assigning authorizations to users based on roles. For role maintenance, use the profile generator (transaction PFCG) on the AS ABAP and the User Management Engine's user administration console on the AS Java.

ACGR role listed below provide all of the necessary SAP S/4HANA for Rights and Royalty Management by Vistex transactions for an individual to manage the applicable master data within their system. The "Display Only" roles are read only roles, and as such do not allow create or change access to the data.

ACGR Role for Rights and Royalty Management	Description
/IRM/V4RR_ANALYST	Rights and Royalty Administrator

9.2.4 Authorization Objects

The section lists the security-relevant authorization objects that are used by SAP S/4HANA for Rights and Royalty Management by Vistex:

Additional authority objects are embedded within the Vistex transactions. Rights and Royalties role will need the related authority objects assigned with the proper values. These authority objects are listed below:

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Object	Short Text
V_GB_CRTYP	Global: Claim Request Authorizations
V_GB_CRWOP	Claim Web Override Authorization Group
V_GB_FGTYP	Flexible Group Type Authorization
V_GB_NOTES	Notes based on Business Object and Note Type
V_GB_PAGRP	Pricing Record: Policy Authorization
V_GB_PLCUS	Product List Type (Customer as Primary Partner)
V_GB_PLVND	Product List Type (Vendor as Primary Partner)
V_GB_MSCUS	Membership List Submission for Trade Organization (Customer
V_GB_MSVND	Membership List Submission for Trade Organization (Vendor)
V_GB_RCTYP	Global: Revenue/Cost Adjustment Type Authorizations
V_GB_AUTDM	Global: Automated Data Maintenance by Function and Action
V_GB_CPAGP	Composition Authorization Group
V_GB_CPTYP	Composition Type Authorization
V_GB_ROLE	UI Role Workbench
V_IP_WLTYP	Wallet
V_IP_ACDOC	IP: Accounting Document Authorizations based on CCode/IPType
V_IP_AGRAG	IP: Authorization Group for IP Agreements
V_IP_APRCD	IP: Approval Code for Composite Calculations
V_IP_AUGRP	IP: Authorization Group for Composite Calculations
V_IP_COMIP	IP: Composite IP Authorizations based on Dep Code/Version
V_IP_SAGMT	IP: Sales Agreements Release and Delete
V_KONA_VKO	Agreement: Authorization for Sales Area/Agreement Type
V_KONH_VKO	Condition: Authorization for Sales Organizations
V_KONH_VKS	Condition: Authorization for Condition Types
V_VBAK_AAT	Sales Document: Authorization for Sales Document Types
V_VBRK_FKA	Billing: Authorization for Billing Types
V_VBRK_VKO	Billing: Authorization for Sales Organizations
V_GB_OETYP	Employee Type
V_GB_OHTYP	Organizational Object Hierarchy Type
V_GB_OUTYP	Organizational Unit Type
V_GB_OPTYP	Position Type
V_IP_MRTYP	Maintenance Request Type

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V_IP_PQBAG	Price Request Block Profile Authorization Group
V_IP_REPRT	Report Authorization based on category/ Subcategory
V_IP_RPAUG	Report Authorization Group
V_IP_PCWOP	Partner Communication Web Override Authorization Group
V_GB_MXREF	Material Cross Reference
V_GB_UXREF	Unit Cross Reference
V_GB_INTYP	Incident Type
V_GB_CACR	Claim Correction Run
V_GB_CNFTX	Configuration Transactions
V_GB_PXREF	Partner Cross Reference
V_GB_RCACR	Transaction Register Correction Run
V_GB_AXREF	Agreement Cross Reference
V_IP_BCKT	IP: Bucket Type
V_IP_TTTYP	Calculation Run

9.2.5 Authorization Objects for Fiori

Object	Short Text
V_GB_ASSTP	Aspect Sheet Type
V_GB_ENTTP	Entitlement Type

9.2.6 Critical Combinations

This section describes any critical combinations of roles and authorizations in SAP S/4HANA for Rights and Royalty Management by Vistex.

There are none known critical combinations.

9.3 Network and Communication Security

This section provides an overview of the network topology and communication protocols used by SAP S/4HANA for Rights and Royalty Management by Vistex.

SAP S/4HANA for Rights and Royalty Management by Vistex is an embedded SAP Add-On for SAP S/4HANA. The network topology for SAP S/4HANA for Rights and Royalty Management by Vistex is based on the topology used by SAP NetWeaver 7.5 for SAP S/4HANA 2021. The security guidelines and recommendations described in the security guide for SAP NetWeaver 7.5 on SAP S/4HANA on 2021 also apply to SAP S/4HANA for Rights and Royalty Management by Vistex.

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9.3.1 Internet Communication Framework (ICF) Security

This section describes how S/4HANA for rights and royalty management by Vistex uses Internet Communication Framework (ICF) services.

Only activate those services that are needed for the applications running in your system. The following services are needed for S/4HANA for rights and royalty management by Vistex:

Purpose	Hierarchy Type	Node(s)	Path
Communication Node	SERVICE	/VUI/APP	/default_host/sap/vui
Utility Nodes	SERVICE	/VUI/GLNPM, /VUI/GATDNL, /VUI/GUTILS	/default_host/sap/bc/bsp/vui, /default_host/sap/bc/ui5_ui5/vui
Application Nodes	SERVICE	/VUI/IPAGM, /VUI/GCRM, /VUI/IPARM, /VUI/IPCIM, /VUI/IPMXM, /VUI/IPMXPM. Activate other nodes as needed during implementation of Vistex functions according to project requirements.	/default_host/sap/bc/bsp/vui, /default_host/sap/bc/ui5_ui5/vui

Use the transaction SICF to activate these services.

If your firewall(s) use URL filtering, also note the URLs used for the services and adjust your firewall settings accordingly.

For more information, see the available user assistance for SAP NetWeaver. To find the relevant documents, go to SAP Help Portal at ABAP Platform and SAP NetWeaver | SAP Help Portal and open the product page for your SAP NetWeaver release. Search for *activating and deactivating ICF services and ICF security.*

Use the transaction SICF to activate these services.

If your firewall(s) use URL filtering, also note the URLs used for the services and adjust your firewall settings accordingly.

For more information, see the available user assistance for SAP NetWeaver. To find the relevant documents, go to SAP Help Portal at ABAP Platform and SAP NetWeaver - SAP Help Portal and open the product page for your SAP NetWeaver release. Search for **activating and deactivating ICF services** and **ICF security**. For more information about ICF services specific to 2021 release see the section Activate ICF Services of WebClient UI Apps in the UI Technology Guide for SAP S/4HANA at https://help.sap.com/ s4hana_op_2021 Product Documentation. SAP Note 2825458 contains information on the services required for WebClient UI apps.

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9.4 Data Protection and Privacy

This section provides information about how SAP S/4HANA for Rights and Royalty Management by Vistex complies with data protection requirements.

Data protection is associated with numerous legal requirements and privacy concerns. In addition to compliance with general data privacy regulation, it is necessary to consider compliance with industry-specific legislation in different countries. SAP provides specific features and functions to support compliance with regards to relevant legal requirements, including data protection. SAP does not give any advice on whether these features and functions are the best method to support company, industry, regional, or country-specific requirements. Furthermore, this information does not give any advice or recommendation in regard to additional features that would be required in particular IT environments; decisions related to data protection must be made on a case-by-case basis, under consideration of the given system landscape and the applicable legal requirements.

> **Note**
>
> In the majority of cases, compliance with applicable data protection and privacy laws will not be covered by a product feature. SAP software supports data protection compliance by providing security features and specific data protection-relevant functions, such as simplified blocking and deletion of personal data. SAP does not provide legal advice in any form. Definitions and other terms used in this document are not taken from any given legal source.

> **Caution**
>
> The extent to which data protection is supported by technical means depends on secure system operation. Network security, security note implementation, adequate logging of system changes, and appropriate usage of the system are the basic technical requirements for compliance with data privacy legislation and other legislation.

You also need to make sure that no personal data enters the system in an uncontrolled or non-purpose related way, for example, in free-text fields, or customer extensions.

9.4.1 Glossary for Data Protection and Privacy

The following terms are relevant in the context of data protection and privacy. Not all terms may be relevant for S/4HANA for rights and royalty management by Vistex:

Term	Definition
Blocking	A method of restricting access to data for which the primary business purpose has ended.
Consent	The action of the data subject confirming that the usage of his or her personal data shall be allowed for a given purpose. A consent functionality allows the storage of a consent record in relation to a specific purpose and

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Term	Definition
	shows if a data subject has granted, withdrawn, or denied consent.
Data subject	An identified or identifiable natural person. An identifiable natural person is one who can be identified, directly or indirectly, in particular by reference to an identifier such as a name, an identification number, location data, an online identifier or to one or more factors specific to the physical, physiological, genetic, mental, economic, cultural, or social identity of that natural person.
Deletion	Deletion of personal data so that the data is no longer available.
End of business	Date on which the business with a data subject ends, for example, the order is completed, the subscription is canceled, or the last bill is settled.
End of purpose (EoP)	End of purpose and start of blocking period. The point in time when the primary processing purpose ends, for example, a contract is fulfilled.
End of purpose (EoP) check	A method of identifying the point in time for a data set when the processing of personal data is no longer required for the primary business purpose. After the EoP has been reached, the data is blocked and can only be accessed by users with special authorization, for example, tax auditors.
Personal data	Any information relating to a data subject.
Purpose	The information that specifies the reason and the goal for the processing of a specific set of personal data. As a rule, the purpose references the relevant legal basis for the processing of personal data.
Residence period	The period of time between the end of business and the end of purpose (EoP) for a data set during which the data remains in the database and can be used in case of subsequent processes related to the original purpose. At the end of the longest configured residence period, the data is blocked or deleted. The residence period is part of the overall retention period.
Retention period	The period of time between the end of the last business activity involving a specific object (for example, a business partner) and the deletion of the corresponding data, subject to applicable laws. The retention period is a combination of the residence period and the blocking period.

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Term	Definition
Sensitive personal data	A category of personal data that usually includes the following type of information: Special categories of personal data such as data revealing racial or ethnic origin, political opinions, religious or philosophical beliefs, or trade union membership and the processing of genetic data, biometric data, data concerning health, sex life or sexual orientation or personal data concerning bank and credit accounts Personal data subject to professional secrecy Personal data relating to criminal or administrative offenses Personal data concerning insurances and bank or credit card accounts
Where-used check (WUC)	A process designed to ensure data integrity in the case of potential blocking of business partner data. An application's where-used check (WUC) determines if there is any dependent data for a certain business partner in the database. If dependent data exists, this means the data is still required for business activities. Therefore, the blocking of business partners referenced in the data is prevented.

More Information

You can find detailed information on data protection in the SAP Help Portal at https://help.sap.com/ s4hana_op_2020 under Product Assistance Cross Components Data Protection.

9.4.2 User Consent

Solution Extensions for SAP S/4HANA by Vistex use master data—including a possible mix of business partner companies and business partner persons—found in SAP S/4HANA. This master data is used to create pricing and/or agreements for the benefit of the companies or persons. If an agreement has been executed in legal form, then consent has been either explicitly or implicitly granted to use personal information to provide benefits (pricing, rebates, reimbursements, etc.) under the agreement executed by the company or person.

The application of data privacy protections should not pre-empt legal agreements executed between your company and any persons regarding the transaction of business. Since all business transacted in Solution Extensions for SAP S/4HANA by Vistex is designed to be legally binding, the legal agreement must be canceled or terminated before any

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withdrawal of consent or limitation placed on the use of personal data that prevents the fulfillment of the legal obligations specified in such agreement represented in the combined solution.

For example, if you have a legally binding agreement that you will pay a rebate to a person based on their purchases from you, the person should not withdraw consent without first terminating the legal agreement according to the terms allowed in the legal agreement. Otherwise, a conflict could arise where you are obligated to pay but are unable to pay.

.

9.4.3 Read Access Logging

Read access to personal data is partially based on legislation, and it is subject to logging functionality. The Read Access Logging (RAL) component can be used to monitor, and log read access to data and provide information such as which business users accessed personal data. This data may be categorized as sensitive by law, by external company policy, or by internal company policy. These common questions might be of interest for an application that uses Read Access Logging.

More information

For more information, see the following sections on SAP S/4HANA - SAP Help Portal:

- Enter System Security for SAP NetWeaver AS for ABAP Only into the search bar, press Enter and open the search result with that title. Navigate to the section Read Access Logging.
- Enter Services for Application Developers into the search bar, press Enter and open the search result with that title. Navigate to the section Change Documents.
- Enter Read Access Logging (RAL) and OData into the search bar, press Enter and open the search result with that title. For up-to-date information on the delivered RAL configurations, see SAP Note 2347271

SAP S/4HANA for Rights and Royalty Management by Vistex is embedded SAP Add-On in SAP ERP. Therefore, the SAP standard logging mechanism is used. Upload programs and batch jobs will store logs in the standard SLG1 transaction. However, the workbenches will not save the logs. The logs are available for display only. The details are below by application.

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Object	Description	Sub-Object	Sub-Object Description
/IRM/EPAS	Attribute Set	CHANGE	Change
		CREATE	Create
		TRANSFER	Transfer
/IRM/EPATG	Attribute Group	CHANGE	Change
		CREATE	Create
		TRANSFER	Transfer
/IRM/EPATR	Attribute	CHANGE	Change
		CREATE	Create
		TRANSFER	Transfer
/IRM/AC	Activities	CHANGE	Change
		CHECK	Check
		CREATE	Create
		SAVE	Save
/IRM/IPAMR	Agreement Request	CHANGE	Change
		COPY	Copy
		POST	Post
		REPORTING	Reporting
/IRM/IPBB	Billback	CHANGE	Change
		COPY	Copy
		POST	Post
		SAVE	Save
		CREATE	Create
/IRM/IPBBAGR	Billback Agreement	ACCRUE	Accrue
		ADJ_SETTLE	Adjust Settlement
		CANCEL	Cancel
		CHANGE	Change
		CREATE	Create
		DC_CLEAR	Deduction Clearing - Clearing Process
		DC_UPDATE	Deduction Clearing - Update Process
		DELETE	Delete
		PARK	Park
		PARK_REPLACE	Replace Park Documents
		PC_UPDATE	Update Partner Communication
		RECREATE	Recreate
		REPORTING	Reporting
		REPRICE	Reprice
		RESUBMIT	Resubmission
		REVERSE_CANCEL	Reverse Cancel
		REV_ACCRUE	Reverse Accrue
		REV_PARK	Reverse Park
		REV_SETTLE	Reverse Settle
		SETTLE	Settle
		SIMULATE	Simulate
		STAT_LOAD	Statistics Initial Load

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/IRM/IPBCK	Bucket	CHANGE	Change
		CREATE	Create
		DELETE	Delete
/IRM/IPCG	Campaigns	CHANGE	Change
		COPY	Copy
		MASS	Mass Changes
/IRM/IPCIPA	Participant Assignment	COPY	Copy
		MASS_CHANGE	Mass Change
		PARCHECK	Assignment Checks
		UPDATE	Update
/IRM/IPG	IP General	ACDOCCLEAR	Accounting Documents - Clearing
		AUTODATAMN	Automatic Data Maintenance
		CORRCONV	BKORM to /IRM/IPCORR Conversion
		INDEX	Indexing
		RESUBMIT	Resubmission
/IRM/IPGHI	Hierarchy Maintenance	COPY	Copy
		MASS_CHANGE	Mass Change
		PARCHECK	Assignment Checks
		UPDATE	Update
/IRM/IPGT	Territory	CHANGE	Change
		CREATE	Create
/IRM/IPGTP	Territory Proposal	CHANGE	Change
		CREATE	Create
		POST	Post
/IRM/IPMG	Migration of IP to Calculation Bucket	CHANGE	Change
		CREATE	Create
/IRM/IPMR	Maintenance Request	CHANGE	Change
		CREATE	Create
/IRM/IPMX	Matrix	CHECK	Data Check
		GENERATE	Generate
/IRM/IPMXAPD	APD Structure	CHECK	Check
		GENERATE	Generate
/IRM/IPMXMP	Mapping Profile	CHECK	Check
/IRM/IPMXP	Matrix Proforma	CHECK	Data Check
/IRM/IPMXS	Matrix Scenario	CHECK	Data Check
		EXECUTE	Scenario Execute
		IMPORT	Members Import
/IRM/IPMXPA	Planning Scenario	CHECK	Data Check
/IRM/IPMXPD	Planning Document	CHECK	Check
/IRM/IPMXPO	Planning Object	CHECK	Data Check
/IRM/IPPD	Pricing Document	CHANGE	Change
		CHECK	Check
		SAVE	Save
/IRM/IPPM	Pricing Sheet	CHANGE	Change

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		CHECK	Check
		SAVE	Save
/IRM/IPPO	Pricing Object	CHANGE	Change
		CHECK	Check
		SAVE	Save
/IRM/IPPQ	Master Request	ACTIVITY	Activity
		CHANGE	Change
		COPY	Copy
		CREATE	Create
		MASS	Mass Change
		POST	post
		PROFORMA	Proforma
		REPORTING	Reporting
/IRM/IPPS	Pricing Scenario	CHECK	Check
		SAVE	Save
/IRM/IPPX	Pricing Matrix	CHANGE	Change
		CHECK	Check
		SAVE	Save
/IRM/IPRP	Report	CHECK	Check
		EXECUTE	Execute
		EXECUTION	Report Execution
/IRM/IPS1	Calculation Bucket	CHANGE	Change
		CREATE	Create
		DELETE	Delete
		REPRICE	Reprice
		REPROCESS	Reprocess
/IRM/IPS2	Calculation Run	ACCRUE	Accrue
		CHANGE	Change
		CREATE	Create
		REV_ACCRUE	Reverse Accrue
		REV_SETTLE	Reverse Settle
		SETTLE	Settle
/IRM/IPSCN	Scenario Planning	CHANGE	Change
		CHECK	Check
		SAVE	Save
/IRM/IPSIAGR	Sales Inventive Agreement	ACNTNG	Accounting
		BUCKET	Bucket
		CHANGE	Change
		CLOSEOUT	close out
		COPY	Copy Agreement
		MASS	Mass Changes
		PROFORMA	proforma
		REPORTING	Reporting
		SCHEDULE	schedule
/IRM/IPTF	Trade Funds	CHANGE	Change
		CHECK	Check

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		IMPORT	Data Import
/IRM/IPPB	Composite	ACCRUE	Accrual
		ALERTS	Alerts
		CALC_RUN_ACCRUE	Calculation Run Accrue
		CALC_RUN_CREATE	Calculation Run Create
		CALC_RUN_ISETTLE	Calculation Run Interim Settlement
		CALC_RUN_POST	Post Calculation Run
		CALC_RUN_PPRT_POST	Calculation Run Post Price Protection
		CALC_RUN_REV_ACCRUE	Calculation Run Reverse Accrual
		CALC_RUN_REV_ISETTLE	Calculation Run Reverse Interim Settlement
		CALC_RUN_REV_SETTLE	Calculation Run Reverse Settle
		CALC_RUN_SAVE	Calculation Run Save
		CALC_RUN_SETL_ADJ	Calculation Run Settlement Adjustment
		CALC_RUN_SETTLE	Calculation Run Settlement
		CR_CREATE_CLAIM	Calculation Run Create Claim
		CR_MATRIX_UPDATE	Calculation Run Matrix Update
		CWB_CHECK	Composite Work Bench Checks
		DEPCODE	Depl. Code Table Generation
		FRML_COPY	Formula Copy
		FRM_COPY	Copy Formulas
		INT_SETTLE	Interim Settlement
		PARCHECK	Participants Assignment Checks
		PART_SHVR	Participant Search Help Variant
		REV_ACCCRUE	Reverse Accrual
		REV_ACCR_ADJ	Reverse Accrual Adjust
		REV_INT_SETTLE	Reverse Interim Settlement
		REV_SETTLE	Reverse Settlement
		ROS_RUN_POST	Roster Run Posting
		SELECTION	Selection
		SETTLE	Settlement
		SETTLE_ADJ	Settlement Adjustment
/IRM/GCR	Claims	CHANGE	Change
		CHECK	Check
		CREATE	Create
		SAVE	Save
/IRM/GAC	Activities	APRVL	Approvals
		AUTOOUTCM	Auto Outcome Set
		DTTYP	Date Type
		MASS	Mass Processing
		NFEVT	Notifications
		OUTCOME	Outcome Set
		RMNDR	Remainders
/IRM/GAM	Address Match	IDX_CUST	Customer Address Match
		IDX_VEND	Vendor Address Match

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		SRCH	Search
/IRM/GATG	Attribute Group	CHANGE	Change
		CREATE	Create
		TRANSFER	Transfer
/IRM/GATR	Attribute	CHANGE	Change
		CREATE	Create
		TRANSFER	Transfer
/IRM/GAW	Award	CHECK	Check
		REVERSE	Reverse
		UPDATE	Update
/IRM/GAWR	Award Request	CREATE	Create
		POST	Post
/IRM/GAXR	Agreement Cross-Reference	DOWNLOAD	Download
		READ	Read Records
		UPLOAD	Upload from File
/IRM/GCH	Change Type	CHANGE	Change
		CREATE	Create
/IRM/GCLE	Calculation Engine	CHANGE	Change
/IRM/GCP	Composition	CHANGE	Change
		CHECK	Check
		CREATE	Create
		UPLOAD	Upload
/IRM/GCT	Catalog	CHANGE	Change
		CHECK	Check
		CREATE	Create
		DELETE	Delete
/IRM/GDCT	Document Template	CHANGE	Change
		CREATE	Create
		DELETE	Delete
/IRM/GDF	Dictionary Fields Maintenance	ADJUST	Adjust the Tables
/IRM/GDM	Dimension Maintenance	CHECK	Check Records
		MAINTAIN	Maintenance
		READ	Read Records
		UPLOAD	Upload from File
/IRM/GDMXR	Dimension Cross Reference	UPLOAD	Upload from File
/IRM/GDOM	Domains	CHANGE	Change
		CREATE	Create
		DELETE	Delete
/IRM/GDOT	Data object type	CHANGE	Data object change
		CREATE	Data object create
		DELETE	Data object delete
/IRM/GDS	Dimension Set Maintenance	CHECK	Check Records
		MAINTAIN	Maintenance
		READ	Read Records

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		UPLOAD	Upload from File
/IRM/GDST	Datasets	DISPLAY	Datasets
/IRM/GEH	Enhancements	SAVE	Save
/IRM/GEP	External Person	GEP	Change
		CHECK	Check
		CREATE	Create
		SAVE	Save
/IRM/GRCA	Transaction	CHANGE	Change
		CHECK	Check
		CREATE	Create
		SAVE	Save
/IRM/GUXR	Unit of Measure Cross-Reference	DOWNLOAD	Download
		READ	Read records
		UPLOAD	Upload from File
/IRM/GEV	Evaluation	CHANGE	Change
		UPLOAD	Upload
/IRM/GEVNT	Events	CHANGE	Change
		CHECK	Check
		CREATE	Create
		MASS_PROCESS	Mass Process
		SAVE	Save
		UPLOAD	Upload
/IRM/GFG	Flexible Grouping	CHANGE	Change
		CHECK	Check
		CREATE	Create
		READ	Read
		RELEASE	Post
		SAVE	Save
		UPLOAD	Upload
/IRM/GFGR	Flexible Group Request	CHANGE	Change
		CHECK	Check
		CREATE	Create
		POST	Post
		READ	Read
		RELEASE	Post
		SAVE	Save
		UPLOAD	Upload
/IRM/GFP	Period Profile	CHANGE	Change
		CHECK	Check
		CREATE	Create
/IRM/GFSUB	File Submission	SAVE	File Submission Save
/IRM/GIN	Incident	CHANGE	Change
		CREATE	Create
/IRM/GLOBAL	General	AUTODATAMN	Auto Document Maintenance

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		CHANGE	Change
		EXCEL_IMPORT	Excel import
		MATRIX	Matrix
		POLICY	Policy
		PRICING	Pricing
		VAR_CONV	Variant Convert
/IRM/GML	Membership List	CANCEL	Cancel
		CHANGE	Change
		CHECK	Check
		CREATE	Create
		MBR_UPLOAD	Members Upload from File
		RELEASE	Release
		SAVE	Save
/IRM/GMX	Matrix Maintenance	CHECK	Check Matrix Data
		KF_CHECK	Check Key Figure Selection
		MAINT	Maintain Members
		SAVE	Save Members
/IRM/GMXR	Material Cross-Reference	DOWNLOAD	Download
		READ	Read Records
		UPLOAD	Upload from File
/IRM/GNF	Action	CHECK	Check
/IRM/GOO	Organizational Objects	CHANGE	Change
		COPY	Copy
		CREATE	Create
		SAVE	Save
/IRM/GOPT	Output	CHANGE	Change
/IRM/GAXR	Agreement Cross-Reference	DOWNLOAD	Download
		READ	Read Records
		UPLOAD	Upload from File
/IRM/EPAXR	Attribute Cross-Reference	CHANGE	Change
		UPLOAD	Upload from File
/IRM/EPCHM	Change Master	CHANGE	Change
		CREATE	Create
		TRANSFER	Transfer
/IRM/EPINT	Index Table	CHANGE	Change
		CREATE	Create
		GENERATE	Generate
/IRM/EPINTP	Index Table Profile	CHANGE	Change
		CREATE	Create
/IRM/EPIR	Info Records	ATTRCHECK	Attributes Consistency Checks
		ATTRUPDATE	Attributes Update
		CHANGE	Change
		CREATE	Create
		IRUPDATE	Info Record Update
		UPLOAD	Upload Info Record
/IRM/EPKU	Customer	ATTRCHECK	Attributes Consistency Checks

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		ATTRUPDATE	Attributes Update
		CHANGE	Change
		COPY	Copy Customer
		CREATE	Create
		CUSTUPDATE	Customer Master Update
		INDEX	Indexing
		RUNPROCESS	Process Profile Run
/IRM/EPKUD	Customer Domain	CHANGE	Change
		CREATE	Create
		INDEX	Index
		CHANGE	Change
		CREATE	Create
/IRM/EPKUF	Customer Facet	CHANGE	Change
		CREATE	Create
/IRM/EPKUFP	Customer Facet Profile	CHANGE	Change
		CREATE	Create
/IRM/EPKUFV	Customer Facet View	CHANGE	Change
		CREATE	Create
/IRM/EPKUL	Customer List	CHANGE	Change
		CREATE	Create
		CHECK	Check
/IRM/EPLI	Vendor	CHANGE	Change
		COPY	Copy
		CREATE	Create
		INDEX	Index
		RUNPROCESS	Runprocess
		VENDUPDATE	Vendupdate
/IRM/EPLID	Vendor Domain	CHANGE	Change
		COPY	Copy
		CREATE	Create
		INDEX	Index
/IRM/EPLIDF	Vendor Data Flow	CHANGE	Change
		CREATE	Create
/IRM/EPLIF	Vendor Facet	CHANGE	Change
		CREATE	Create
/IRM/EPLIFP	Vendor Facet Profile	CHANGE	Change
		CREATE	Create
/IRM/EPLIFV	Vendor Facet View	CHANGE	Change
		CREATE	Create
/IRM/EPLIL	Vendor List	CHANGE	Change
		CREATE	Create
		POST	Post
		UPLOAD	Upload
/IRM/EPMTR	Equipment/New Age Material	CHANGE	Change
		CREATE	Create
/IRM/EPMTRC	Material Configuration	CHANGE	Change

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		CREATE	Create
		CHECK	Check
/IRM/EPPD	Material	ATTRCHECK	Attributes Consistency Checks
		ATTRUPDATE	Attributes Update
		CHANGE	Change
		COPY	Copy Materials
		CREATE	Create
		INDEX	Indexing
		MATUPDATE	Material Master Update
		RUNPROCESS	Process Profile Run
/IRM/EPPDD	Material Domain	CHANGE	Change
		CREATE	Create
		INDEX	Index
/IRM/EPPDDF	Material Data Flow	CHANGE	Create
		CREATE	Change
		CHANGE	Create
		CREATE	
/IRM/EPPDF	Material Facet	CREATE	Create
		CHANGE	Change
		CREATE	Create
/IRM/EPPDFP	Material Facet Profile	CREATE	Create
		CHANGE	Change
/IRM/EPPDFV	Material Facet View	CREATE	Create
		CHANGE	Change
/IRM/EPPDL	Material List	CREATE	Create
		CHANGE	Change
		POST	Post
/IRM/EPRL	Relation	CREATE	Create
		CHANGE	Change
		POST	Post
/IRM/EPSA	Structural Analysis	CREATE	Create
		CHANGE	Change
/IRM/EPSG	Segment	CREATE	Create
		CHANGE	Change
/IRM/EPSM	Structured Material	CREATE	Create
		CHANGE	Change
/IRM/EPST	Structure	CREATE	Create
		CHANGE	Change
/IRM/GAS	Aspect Sheets	CHANGE	Change records
		CHECK	Check Records
		MAINTAIN	Maintenance
		READ	Read Records
		UPLOAD	Upload from File
/IRM/GCL	Clauses	CHANGE	Change
		CHECK	Check
		CREATE	Create

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/IRM/GCLC	Calculation Engine	CHANGE	Change
/IRM/GCLFC	Calculation Flow	CHANGE	Change
/IRM/GCUL	Customer List	CHANGE	Change
		CHECK	Check
		CREATE	Create
		CUST_UPLOAD	Upload Customers/Customer Catg. from File
		RELEASE	Release
		SAVE	Save
/IRM/GDO	Data Object	RUNPROCESS	Process Profile Run
		SSEQ_OBJECT_CREATE	Subsequent Object Create
		VERSION_CHANGE	Change Version
		VERSION_CREATE	Create Version
		VERSION_DELETE	Delete Version
		VERSION_UPLOAD	Upload Version
/IRM/GENT	Entitlement	CHANGE	Change
		CREATE	Create
		DELETE	Delete
/IRM/GESH	Freestyle Search	/IRM/EPKU	Customer
		/IRM/EPKUD	Customer Domains
		/IRM/EPLI	Vendor
		/IRM/EPLID	Vendor Domains
		/IRM/EPPD	Materials
		/IRM/EPPDD	Material Domains
		/IRM/GBUPA	ECC Business Partner
		/IRM/GCR	Claims
		/IRM/GKNA1	ECC Customer
		/IRM/GLFA1	ECC Vendor
		/IRM/GRCA	Transaction
		/IRM/IPAR	Agreement Request
		/IRM/IPPQ	Price request
		SCIDX	Scheduled Index
/IRM/GRPMAT	Reported Material maintenance	READ	Read Records
		UPLOAD	Upload from File
/IRM/GSTAT	Status	STATUS	Status
/IRM/GTD	Team Department	CHANGE	Change
/IRM/GTP	Templates	CHECK	Check for Clauses in Templates
		SAVE	Save the Templates
/IRM/GVNL	Vendor List	CHANGE	Change
		CHECK	Check
		CREATE	Create
		RELEASE	Release
		SAVE	Save
		VND_UPLOAD	Upload Customers/Customer Catg. from File
/IRM/GWP	Web Portal	CHANGE	Change
		USR_ASSIGN	User Assignment

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		WORKSPACE	Workspace
/IRM/GWPWS	Portal and Workspace	WORKSPACE	Workspace
/IRM/GBRF	BRF Functions	CHANGE	change
		CHECK	check
		CREATE	create
/IRM/GFMR	Funds Management Reservation	CHANGE	change
		CHECK	check
		SAVE	save
		CREATE	create
/IRM/IPPDRVM	Review Template	CHECK	Check
		SAVE	Save

9.4.4 VTA Access Logging

Object	Description	Sub-Object	Sub-Object Description
/VTA/BDAG	Aging	CREATE	Create
/VTA/BDO	Data Object	DOWNLOAD	Download
		RUNPROCESS	Process Profile Run
		SSEQ_OBJECT_CREATE	Subsequent Object Create
		VERSION_CHANGE	Change Version
		VERSION_CREATE	Create Version
		VERSION_DELETE	Delete Version
		VERSION_UPLOAD	Upload Version
/VTA/BDOVR	Validation Run	CHANGE	Validation Run Change
		CREATE	Validation Run Create
		POST	Post Object
/VTA/BFRQ	Frequency	CHANGE	Change
		CREATE	Create
		DISPLAY	Display
		UPDATE	Update
/VTA/BFS	File Submission	CHANGE	Change
		CREATE	Create
/VTA/BFTP	File Template	CHANGE	Change
		CREATE	Create
/VTA/BFTQ	File Template Qualifier	CHANGE	Change
		CREATE	Create
/VTA/BREL	Relation	CHANGE	Change
		CREATE	Create
		DOWNLOAD	Download
		UPLOAD	Upload
/VTA/BSE	Business Script	ACTV	Activate
		CHCK	Check
		CHNG	Change
		SAVE	Save
		SRCH	Search
/VTA/BUD	User Defined Data Area	CHANGE	Change
		CHECK	Check
		CREATE	Create

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/VTA/BWS	Workspace	RUN_PROCESS	Validation Run
		CHANGE	Change
		CREATE	Create
/VTA/BXR	Cross Reference	DOWNLOAD	Download
		UPLOAD	Upload
/VTA/GADR	Address	PROCESS	Process
/VTA/GOO	Organizational Object Data Model	CHANGE	Change
		CHECK	Check
		CREATE	Create
		DISPLAY	Display
		PROCESS	Process
/VTA/BST	Statements	GENERATE	Generate

Read access logging is currently available in, but not limited to the following channels:

- Remote Function Calls (sRFC, aRFC, tRFC, qRFC, bgFRC)
- Dynpro (dynpro fields, ALV Grid, ABAP List, F4)
- Web Dynpro
- Web services
- Gateway (for oData)

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10 Gateway (for oData)

10.1 Information Report

Data subjects have the right to get information regarding their personal data undergoing processing. The information retrieval feature supports you to comply with the relevant legal requirements for data protection by allowing you to search for and retrieve all personal data for a specified data subject. The search results are displayed in a comprehensive and structured list containing all personal data of the data subject specified, subdivided according to the purpose for which the data was collected and processed. The SAP NetWeaver component Information Retrieval Framework can be used to carry out a cross-application search for personal data of a specified data subject. The data is retrieved from the system and displayed in a structured, easy-to-read list, subdivided according to the purposes for which the data was initially collected and processed

Data subjects have the right to receive information regarding their personal data undergoing processing. The personal data record feature helps you to comply with the relevant legal requirements for data protection by allowing you to search for and retrieve all personal data for a specified data subject. The search results are displayed in a comprehensive and structured list containing all personal data of the data subject specified, subdivided according to the purpose for which the data was collected and processed.

More Information

For more information about setting up and using the IRF, see SAP S/4HANA - SAP Help Portal.

10.2 Deletion of Personal Data

Simplified Blocking and Deletion

When considering compliance with data protection regulations, it is also necessary to consider compliance with industry-specific legislation in different countries. A typical potential scenario in certain countries is that personal data shall be deleted after the specified, explicit, and legitimate purpose for the processing of personal data has ended, but only as long as no other retention periods are defined in legislation, for example, retention periods for financial documents. Legal requirements in certain scenarios or countries also often require blocking of data in cases where the specified, explicit, and legitimate purposes for the processing of this data have ended, however, the data still has to be retained in the database due to other legally mandated retention periods. In some scenarios, personal data also includes referenced data. Therefore, the challenge for deletion and blocking is first to handle referenced data and finally other data, such as business partner data.

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Deletion of Personal Data

The processing of personal data is subject to applicable laws related to the deletion of this data when the specified, explicit, and legitimate purpose for processing this personal data has expired. Personal data in a system can be blocked as soon as the business activities for which this data is needed are completed and the residence time for the data has elapsed. After this time, only users who are assigned additional authorizations can access the data. If there is no longer a legitimate purpose that requires the retention and use of personal data, it must be deleted. When the retention period has expired, personal data can be destroyed completely so that it can no longer be retrieved. Residence and retention periods are defined in the customer system. When deleting data in a data set, all referenced objects related to that data set must be deleted as well. Industry-specific legislation in different countries also needs to be taken into consideration in addition to general data protection laws. After the expiration of the longest retention period, the data must be deleted.

For this purpose, SAP uses SAP Information Lifecycle Management (ILM) to help you set up a compliant information lifecycle management process in an efficient and flexible manner.

NOTE: If your application is not ABAP-based, you can remove all the text in this section that follows this comment.

SAP S/4HANA for Rights and Royalty Management by Vistex is embedded Add-On and follows SAP's protocols. SAP S/4HANA for Rights and Royalty Management by Vistex might process data (personal data) that is subject to the data protection laws applicable in specific countries as described in SAP Note 1825544. Please refer to SAP portal SAP Help Portal for updated notes.

Deletion

To enable even complex scenarios, SAP simplifies existing deletion functionality to cover data objects that are personal data by default. For this purpose, SAP uses SAP Information Lifecycle Management (ILM) to help you set up a compliant information lifecycle management process in an efficient and flexible manner. The functions that support the simplified blocking and deletion of personal data are not delivered in one large implementation, but in several waves. Scenarios or products that are not specified in SAP Note 1825608 (central Business Partner) and SAP Note 2007926 (ERP Customer and Vendor) are not yet subject to simplified blocking and deletion. Please refer to SAP portal Deletion of Personal Data in SAP S/4HANA | SAP Help Portal for updated notes.

Nevertheless, it is also possible to destroy personal data for these scenarios or products. In these cases, you have to use an existing archival or deletion functionality or implement individual retention management of relevant business data throughout its entire lifecycle. The SAP Information Lifecycle Management (ILM) component supports the entire software lifecycle including the storage, retention, blocking, and deletion of data.

SAP S/4HANA for Rights and Royalty Management by Vistex uses SAP ILM to support the deletion of personal data as described in the following sections.

All applications register either an end of purpose check (EOP check) in the Customizing settings for the blocking and deletion of application data (for example, the customer and vendor master or the business partner) or a WUC.

More Information

For more information, see the application-specific sections in this security guide as well as at SAP S/4HANA | SAP Help Portal under > Product Assistance > Cross Components > Data Protection: Data Protection | SAP Help Portal.

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End of Purpose Check (EoP check)

An end of purpose check determines whether data is still relevant for business activities based on the retention period defined for the data. The retention period is part of the overall lifecycle of personal data which consists of the following phases:

- Business activity: The relevant data is used in ongoing business, for example contract creation, delivery or payment.
- Residence period: The relevant data remains in the database and can be used in case of subsequent processes related to the original purpose, for example reporting obligations.
- Blocking period: The relevant data needs to be retained for legal reasons. During the blocking period, business users of SAP applications are prevented from displaying and using this data; it can only be processed in case of mandatory legal provisions.
- Deletion: The data is deleted and no longer exists in the database.
- Change: It is not possible to change a business object that contains blocked data.
- Create: It is not possible to create a business object that contains blocked data.
- Copy/Follow-Up: It is not possible to copy a business object or perform follow-up activities for a business object that contains blocked data.
- Search: It is not possible to search for blocked data or to search for a business object using blocked data in the search criteria. It is possible to display blocked data if a user has special authorization; however, it is still not possible to create, change, copy, or perform follow-up activities on blocked data.

More Information

For information about the configuration settings required to enable the end of purpose check, check SAP Security Guide for SAP S/4HANA 2021, sections Process Flow and Configuration: Simplified Blocking and Deletion.

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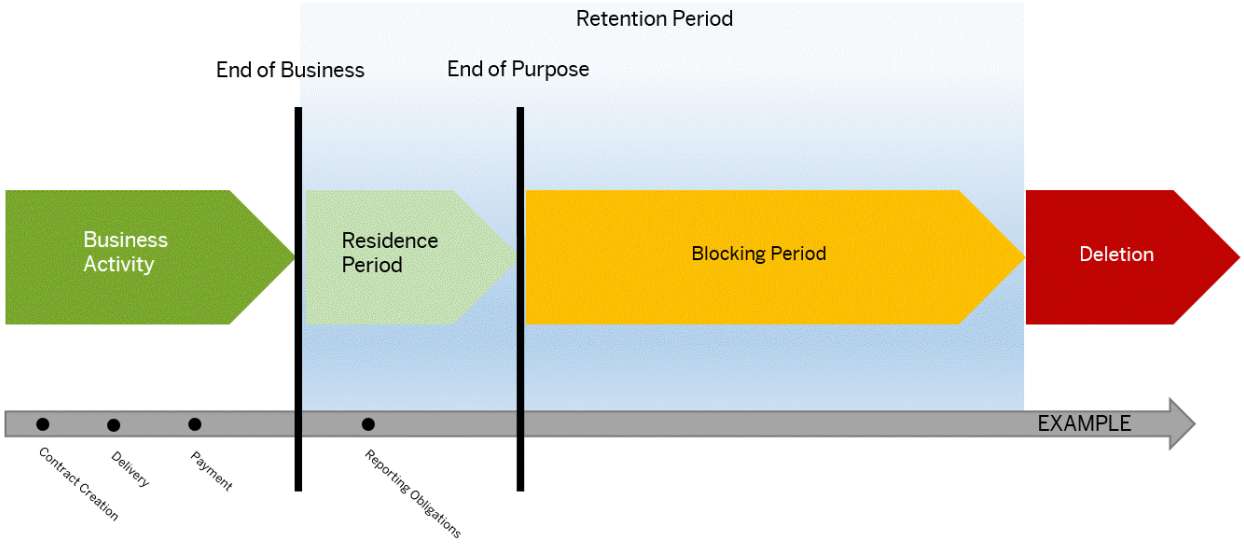
The following figure illustrates the lifecycle of personal data:



Blocking

Blocking of data can impact system behavior in the following ways:

- Display: The system does not display blocked data.
- Change: It is not possible to change a business object that contains blocked data.
- Create: It is not possible to create a business object that contains blocked data.
- Copy/Follow-Up: It is not possible to copy a business object or perform follow-up activities for a business object that contains blocked data.
- Search: It is not possible to search for blocked data or to search for a business object using blocked data in the search criteria.

It is possible to display blocked data if a user has special authorization; however, it is still not possible to create, change, copy, or perform follow-up activities on blocked data.

Where-Used Check (WUC)

A where-used check is a simple check to ensure data integrity in case of potential blocking. The WUC for this product checks whether any dependent data for a customer, vendor, or central business partner (cBP) exists in the respective table. If dependent data exists, that is, if the data is still required for business activities, the system does not block that specific customer, vendor, or cBP.

If you still want to block the data, the dependent data must be deleted by using the existing archival and deletion tools or by using another customer-specific solution.

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More Information

For more information about setting up and using the IRF, see SAP S/4HANA | SAP Help Portal.

10.2.1 Change Log

Personal data is subject to frequent changes. Therefore, for review purposes or as a result of legal regulations, it may be necessary to track the changes made to this data. When these changes are logged, you should be able to check which employee made which change, the date and time, the previous value, and the current value, depending on the configuration. It is also possible to analyze errors in this way.

Defining Fields to Be Logged

SAP S/4HANA for Rights and Royalty Management by Vistex is embedded SAP Add-On in SAP ERP. Therefore, follows SAP's protocols. SAP S/4HANA for Rights and Royalty Management by Vistex processes personal data of business partners that are involved in change requests and activities. If any changes are made regarding the business partner, the system logs the following information on personal data per change request and activity:

- The user who changed data
- The date and time of the change
- The change type (update, insert, deletion, single field documentation)
- The identifying keys and their values of the data records
- The heading name for the attribute that was changed

You can define the fields to be logged under *Display Change Document Objects* (transaction **SCDO**).

You use the authorization object to `IAM/CHGLOG` to control the change logging for change requests and activities.

Displaying Change Logs

In the worklist of SAP S/4HANA for Rights and Royalty Management by Vistex you can access a change log for each change request and activity.

> **Note**
>
> Change logs can only be displayed if the user is assigned the authorization role `SAP_AUTH_MOC_ADMIN`.

Under *Evaluate New Audit Trail* → *Enhancement Mode* (transaction **S_AUT10**), you can see all changes that have been processed for the change document objects in SAP S/4HANA for rights and royalty by Vistex `S_/IAM/ACT` (activity) and `/IAM/ISSUE` (change request).

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For more information about change documents, see the documentation for your SAP NetWeaver release at My Support (sap.com). Choose the relevant SAP NetWeaver release and open the following documents:

- Under *Application Help,* choose *SAP NetWeaver Library: Function-Oriented View* → *Application Server ABAP* → *Other Services* → *Services for Application Developers* → *Change Documents*.
- Under *Security*, choose *SAP NetWeaver Security Guide* → *Security Aspects for Lifecycle Management* → *Auditing and Logging*.

Personal data is subject to frequent changes. Therefore, for review purposes or as a result of legal regulations, it may be necessary to track the changes made to this data. When these changes are logged, you should be able to check which employee made which change, the date and time, the previous value, and the current value, depending on the configuration. It is also possible to analyze errors in this way.

Personal data is subject to frequent changes. Therefore, for review purposes or as a result of legal regulations, it may be necessary to track the changes made to this data. When these changes are logged, you should be able to check which employee made which change, the date and time, the previous value, and the current value, depending on the configuration. It is also possible to analyze errors in this way.

10.3 Security for Third-Party Applications

Not Applicable. Vistex does not utilize 3rd-party products in its add-on solutions.

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11 Business Continuity and Availability

The term business continuity covers all activities performed by system administrators to ensure that critical business functions are available to system users. Strategies for high availability are a subset of business continuity activities, but business continuity is not limited to high availability. Other activities that relate to business continuity include:

- System backup and archiving
- System updates with minimum downtime

SAP S/4HANA uses the standard ABAP Platform functions for high availability and business continuity. SAP S/4HANA for Rights and Royalty Management by Vistex solution is embedded SAP Add-On, therefore, utilize standard SAP mechanism. Please refer to the standard SAP Operations Guide for more information found at SAP Help Portal.

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12 Operating SAP S/4HANA for Rights and Royalty Management by Vistex

This section contains general information about how to operate SAP S/4HANA for Rights and Royalty Management by Vistex:

> **Note**
>
> This section does not replace the operations handbook in which customers or the operations organization documents specific tasks, involved parties, and interaction procedures.

12.1 Other Required Documents for Operations

12.1.1 Monitoring

This section describes monitoring tasks for SAP S/4HANA for Rights and Royalty Management by Vistex.

No specific monitoring sets are available or needed. All standard underlying ABAP monitoring tools are available.

SAP S/4HANA for Rights and Royalty Management by Vistex is embedded Add-On solution, thus utilize standard SAP mechanism. Please refer to SAP Admin Guide at SAP Help Portal.

There are no application specific administration tools available or needed. All standard underlying SAP tools are available using SAP Solution manager. SAP provides you with an infrastructure to help your technical support consultants and system administrators effectively monitor your system landscape. For more information about monitoring topics, go to SAP S/4HANA - SAP Help Portal, enter Solution Monitoring into the search bar, press Enter, and open the search result with that title. For more information about monitoring with SAP Solution Manager, go to SAP S/4HANA - SAP Help Portal, enter Connecting a Technical System to SAP Solution Manager into the search bar, press Enter, and open the search result with that title. Please refer to SAP Admin Guide for more information found at SAP Help Portal.

12.1.2 Alert Monitoring

SAP S/4HANA for Rights and Royalty Management by Vistex is embedded Add-On solution, thus utilize standard SAP mechanism. Please refer to SAP Admin Guide at SAP Help Portal.

SAP S/4HANA uses the standard ABAP Platform monitoring tools, including the Computing Center Management System (CCMS). The tool allows you to monitor your system landscape centrally. Alerts form a central element of monitoring. They quickly and reliably report errors (such as values exceeding or falling below a particular threshold value or that an IT component has been inactive for a defined period of time). These alerts are displayed in the Alert

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Monitor of the CCMS. You can also monitor your data archiving activities with the monitoring functions provided by the CCMS. For more information about CCMS, the Alert Monitor, and monitoring of data archiving, go to SAP S/4HANA - SAP Help Portal, enter Monitoring in the CCMS into the search bar, press Enter, and open the search result with that title. For more information about how to enable the auto-alert function of CCMS, see SAP Note 617547. For more information about data archiving, see Data Archiving and Data Aging refer to SAP portal at SAP Help Portal.

Vistex solution is embedded within SAP, thus utilizes the same concept and tools as provided by SAP Operation Guide. Refer to the SAP Admin Guide at SAP Help Portal.

SAP S/4HANA for Rights and Royalty Management by Vistex is embedded Add-On solution, thus utilize standard SAP mechanism. Please refer to SAP Admin Guide at SAP Help Portal -> Getting Started With SAP S/4HANA 2021.

12.1.3 Error Handling

The SAP standard logging mechanism is used. Upload programs and batch jobs will store logs in the standard SLG1 transaction. However, the workbenches will not save the logs. They are just available for display only.

12.1.4 Overview of Trace and Log Files

SAP S/4HANA for Rights and Royalty Management by Vistex is embedded Add-On solution, thus utilize standard SAP mechanism. Please refer to SAP Admin Guide for more information in chapter 10 of the SAP Admin Guide.

Extended Warehouse Management (EWM) uses the application log (part of ABAP Platform) to store application errors, warnings, and success messages issued in critical processes (for example, the delivery Operations Guide for SAP S/4HANA 2021 SAP S/4HANA Business Applications P U B L I C 39 interface or in user interface (UI) transactions. For UI transactions, the user has to save the application log explicitly. For general information on application logs, go to Getting Started With SAP S/4HANA 2021, enter Application Log (BC-SRV-BAL) into the search bar, press Enter, , and open the search result with that title. You can monitor the application logs with transaction SLG1 or in the warehouse management monitor under Tools Application Log.

12.1.5 Workload Monitors

No specific monitoring sets are available or needed. All standard underlying ABAP monitoring tools are available.
SAP S/4HANA for Rights and Royalty Management by Vistex is embedded Add-On solution, thus utilize standard SAP mechanism. Please refer to SAP Admin Guide at SAP Help Portal.

There are no application specific administration tools available or needed. All standard underlying SAP tools are available using SAP Solution manager. Product Lifecycle Management uses the standard ABAP Platform workload monitor. For more information, go to SAP S/4HANA - SAP Help Portal, enter Workload Monitor into the search bar, press Enter, and open the search result with that title. Please refer to SAP Admin Guide for more information found at SAP Help Portal.

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12.1.6 Interface Monitoring

This section describes aspects of interface monitoring relevant for SAP S/4HANA for Rights and Royalty Management by Vistex. This application can use IDocs and standard SAP ALE processing as required. No other asynchronous interfaces are used.

No specific monitoring sets are available or needed. All standard underlying ABAP monitoring tools are available. Interface monitors are essential for analyzing problems with interfaces such as RFC, IDoc, and HTTP. If you create RFC connections for running your PLM system landscape, use standard ABAP Platform tools for monitoring these RFC connections. For more information, go to SAP S/4HANA - SAP Help Portal, enter RFC Administration into the search bar, press Enter, and open the search result with that title. There are no application specific administration tools available or needed. All standard underlying SAP tools are available using SAP Solution manager. Please refer to the standard SAP Admin Guide for more information found at SAP Help Portal release 2021.

12.1.7 Background Job Monitoring

No specific monitoring sets are available or needed. All standard underlying ABAP monitoring tools are available. SAP S/4HANA for Rights and Royalty Management by Vistex is embedded Add-On solution, thus utilize standard SAP mechanism. Please refer to the SAP Admin Guide found at SAP Help Portal.

There are no application specific administration tools available or needed. All standard underlying SAP tools are available using SAP Solution manager. Please refer to the SAP Solution manager documentation found at SAP Help Portal.

12.2 Administration and Management

This section describes administrator tasks for SAP S/4HANA for Rights and Royalty Management by Vistex.

SAP provides you with an infrastructure to help your technical support consultants and system administrators effectively manage all SAP components and complete all tasks related to technical administration and operation.

For more information about operational topics, go to SAP S/4HANA - SAP Help Portal, enter Administrating the ABAP Platform into the search bar, press Enter, and open the search result with that title.

SAP S/4HANA for rights and royalty by Vistex is embedded Add-On solution and utilize standard SAP mechanisms. Please refer to chapter 4 to the SAP Admin Guide for more information found at SAP Help Portal.

12.2.1 Starting and Stopping

This section describes how to start and stop SAP S/4HANA for Rights and Royalty Management by Vistex. SAP S/4HANA for Rights and Royalty Management by Vistex is embedded Add-On solution and utilize standard SAP mechanisms. Please refer to the SAP Admin Guide for more information found at SAP Help Portal.

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12.2.2 Technical Configuration

This section describes aspects of technical configuration for SAP S/4HANA for Rights and Royalty Management by Vistex.

Refer to paragraph 5 above.

12.2.3 Backup and Restore

You need to back up your system landscape regularly to ensure that you can restore and recover it in case of failure.

SAP S/4HANA for Rights and Royalty Management by Vistex is embedded Add-On solution and utilize standard SAP mechanisms. Please refer to the SAP Admin Guide for more information found at SAP Help Portal.

12.2.4 Periodic Tasks

This section describes periodic tasks that must be completed for SAP S/4HANA for Rights and Royalty Management by Vistex.

No periodic tasks are defined. SAP S/4HANA for Rights and Royalty Management by Vistex is not defined as a mission critical application. Please refer to standard SAP Operations Guide found at SAP Help Portal for reference. The following transactions are available to be run in the background if desired.

Transaction Code and Description	Program
/IRM/IPBCK10 Process Buckets of Billbacks	/IRM/IPBCK_BB_MASS_PROCESS
/IRM/IPBCK11 Process Buckets of Chargebacks	/IRM/IPBCK_CB_MASS_PROCESS
/IRM/IPBCK12 Process Buckets of Sales Incentives	/IRM/IPBCK_CR_MASS_PROCESS
/IRM/IPBCK13 Process Buckets of Sales Rebates	/IRM/IPBCK_PR_MASS_PROCESS
/IRM/IPBCK14 Process Buckets of Pur. Rebates	/IRM/IPBCK_SI_MASS_PROCESS
/IRM/IPBCK15 Process Buckets of Bus. Registers	/IRM/IPBCK_BR_MASS_PROCESS
/IRM/IPBCK16 Mass Process of Buckets	/IRM/IPBCK_MASS_PROCESS
/IRM/IPCLBPMP Mass Process of Calculation Bucket	/IRM/IPCLB_MASS_PROCESS
/IRM/GCR23 Claim Requests - Mass Process	/IRM/GCR_MASS_PROCESS
/IRM/GRCA23 Transaction Register - Mass Process	/IRM/GRCA_MASS_PROCESS
/IRM/IPCMP Composite IP: Mass Processing	/IRM/IPCI_MASS_PROCESS
/IRM/IPCPCRMP Comp IP: Pre Calc. Run Mass Process	/IRM/IPCI_PCR_MASS_PROCESS
/IRM/IPCID Composite IP: Delete PreCalc Run	/IRM/IPCI_PRECALC_RUN_DELETE

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12.2.5 Load Balancing and Scalability

This section describes aspects of load balancing and scalability that are relevant for SAP S/4HANA for Rights and Royalty Management by Vistex.

SAP S/4HANA for Rights and Royalty Management by Vistex solution is embedded SAP Add-On, therefore, utilize standard SAP mechanism. Please refer to the standard SAP Operations Guide for more information found at SAP Help Portal.

12.2.6 High Availability

This section describes aspects of high availability that are relevant for SAP S/4HANA for Rights and Royalty Management by Vistex:

Vistex solution is embedded SAP Add-On, therefore, utilize standard SAP mechanism. Please refer to chapter 4 of the standard SAP Operations Guide for more information found at SAP Help Portal.

12.2.7 Software Maintenance

SAP S/4HANA for Rights and Royalty Management by Vistex Add-On installation packages are available at the software download web site My Support (sap.com). Please refer to SAP note 2871702 for more information. This note will be periodically updated with future SPs.

12.2.8 Software Change Management

This section provides information about how to deploy software changes for your software components. Software change management standardizes and automates software distribution, maintenance, and testing procedures for complex software landscapes and multiple software development platforms.

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